Begona Garcia

List of Publications by Citations

138 papers	3,344 citations	30 h-index	50 g-index
145 ext. papers	3,623 ext. citations	4.6 avg, IF	4.92 L-index

#	Paper	IF	Citations
138	DNA-binding of nickel(II), copper(II) and zinc(II) complexes: Structure–affinity relationships. *Coordination Chemistry Reviews*, **2013**, 257, 2848-2862	23.2	197
137	Measurements and Modeling of Thermophysical Behavior of (C1 + C4) Alkylbenzoate/ (C1 + C11) Alkan-1-ol Mixed Solvents. *Journal of Physical Chemistry B*, **2004**, 108, 15841-15850	3.4	151
136	New insights into the mechanism of the DNA/doxorubicin interaction. *Journal of Physical Chemistry B*, **2014**, 118, 1288-95	3.4	131
135	On the properties of 1-butyl-3-methylimidazolium octylsulfate ionic liquid. *Green Chemistry*, **2007**, 9, 221-232	10	125
134	Solute–Solvent Interactions in Amide–Water Mixed Solvents. *Journal of Physical Chemistry B*, **1997**, 101, 7991-7997	3.4	123
133	Formamide + (C1 + C5) alkan-1-ols solvent systems. *Journal of the Chemical Society, Faraday Transactions*, **1996**, 92, 3347-3352		91
132	Shear viscosities of binary liquid mixtures: 2-pyrrolidinone with 1-alkanols. *Journal of Chemical & Engineering Data*, **1991**, 36, 269-274	2.8	90
131	The N-methylpyrrolidone + (C1 + C10) alkan-1-ols solvent systems. *Physical Chemistry Chemical Physics* , **2002**, 4, 1170-1177	3.6	77
130	Shear viscosities of the N-methylformamide + N,N-dimethylformamide + (C1 + C10) alkan-1-ol solvent systems. *Journal of the Chemical Society, Faraday Transactions*, **1997**, 93, 1115-1118		68
129	Derivation of structure-activity relationships from the anticancer properties of ruthenium(II) arene complexes with 2-aryldiazole ligands. *Inorganic Chemistry*, **2014**, 53, 11274-88	5.1	64
128	Thermophysical Behavior of Methylbenzoate + n-Alkanes Mixed Solvents. Application of Cubic Equations of State and Viscosity Models. *Industrial & Engineering Chemistry Research*, **2002**, 41, 4399-4408	3.9	63
127	Anticancer activity and DNA binding of a bifunctional Ru(II) arene aqua-complex with the 2,4-diamino-6-(2-pyridyl)-1,3,5-triazine ligand. *Inorganic Chemistry*, **2013**, 52, 9962-74	5.1	58
126	Thermophysical Behavior of n-Alkane + Alkylbenzoate Mixed Solvents. Measurements and Properties Modeling. *Industrial & Engineering Chemistry Research*, **2005**, 44, 7575-7583	3.9	56
125	Characterization of Lactam-Containing Binary Solvents by Solvatochromic Indicators. *Journal of Physical Chemistry B*, **2004**, 108, 3024-3029	3.4	51
124	Excess viscosity .eta.E, excess volume VE, and excess free energy of activation .DELTA.G*E at 283, 293, 303, 313, and 323 K for mixtures acetonitrile and alkyl benzoates. *Journal of Chemical & Engineering Data*, **1988**, 33, 200-204	2.8	51
123	Ag2 and Ag3 clusters: synthesis, characterization, and interaction with DNA. *Angewandte Chemie - International Edition*, **2015**, 54, 7612-6	16.4	47
122	Liquid structure of ethyl lactate, pure and water mixed, as seen by dielectric spectroscopy, solvatochromic and thermophysical studies. *Chemical Physics Letters*, **2008**, 454, 49-55	2.5	46

121	High-pressure study of the methylsulfate and tosylate imidazolium ionic liquids. *Journal of Physical Chemistry B*, **2009**, 113, 5593-606	3.4	45
120	Role of the third strand in the binding of proflavine and pt-proflavine to poly(rA).2poly(rU): a thermodynamic and kinetic study. *Journal of Physical Chemistry B*, **2008**, 112, 7132-9	3.4	43
119	Deprotonation sites of acetohydroxamic acid isomers. A theoretical and experimental study. *Journal of Organic Chemistry*, **2003**, 68, 6535-42	4.2	43
118	Volumetric properties, viscosities and refractive indices of binary mixed solvents containing methyl benzoate. *Physical Chemistry Chemical Physics*, **2002**, 4, 5833-5840	3.6	40
117	Outer-sphere hexacyanoferrate(III) oxidation of organic substrates. *Coordination Chemistry Reviews* , **1998**, 173, 79-131	23.2	38
116	Measurements and predictive models for the N-methyl-2-pyrrolidone/water/methanol system. *Journal of Physical Chemistry B*, **2008**, 112, 11361-73	3.4	38
115	Shear viscosities of binary mixtures of pyrrolidin-2-one with C6□10n-alkan-1-ols. *Journal of the Chemical Society, Faraday Transactions*, **1996**, 92, 219-225		37
114	Interaction of the DNA bases and their mononucleotides with pyridine-2-carbaldehyde thiosemicarbazonecopper(II) complexes. Structure of the cytosine derivative. *Journal of Inorganic Biochemistry*, **2008**, 102, 1892-900	4.2	34
113	Intercalation of ethidium into triple-strand poly(rA).2poly(rU): a thermodynamic and kinetic study. *Journal of Physical Chemistry B*, **2006**, 110, 16131-8	3.4	34
112	Biological assays and noncovalent interactions of pyridine-2-carbaldehyde thiosemicarbazonecopper(II) drugs with [poly(dA-dT)](2), [poly(dG-dC)] (2), and calf thymus DNA. *Journal of Biological Inorganic Chemistry*, **2010**, 15, 515-32	3.7	33
111	Modeling the PVTx Behavior of the N-Methylpyrrolidinone/Water Mixed Solvent. *Industrial & Engineering Chemistry Research*, **2004**, 43, 3205-3215	3.9	33
110	Alkali-metal ion catalysis of the oxidation of L-ascorbic acid by hexacyanoferrate(III) in strongly acidic media. *Journal of the Chemical Society, Faraday Transactions*, **1993**, 89, 3571		33
109	Solvent effects on the thermodynamics and kinetics of coralyne self-aggregation. *Journal of Physical Chemistry B*, **2009**, 113, 188-96	3.4	32
108	Thiabendazole-based Rh(III) and Ir(III) biscyclometallated complexes with mitochondria-targeted anticancer activity and metal-sensitive photodynamic activity. *European Journal of Medicinal Chemistry*, **2018**, 157, 279-293	6.8	30
107	Phenanthroline ligands are biologically more active than their corresponding ruthenium(II) arene complexes. *Dalton Transactions*, **2014**, 43, 2629-45	4.3	30
106	Preparation of organometallic ruthenium-arene-diaminotriazine complexes as binding agents to DNA. *Chemistry - an Asian Journal*, **2012**, 7, 788-801	4.5	30
105	Interaction of thionine with triple-, double-, and single-stranded RNAs. *Journal of Physical Chemistry B*, **2013**, 117, 38-48	3.4	30
104	Change of the binding mode of the DNA/proflavine system induced by ethanol. *Journal of Physical Chemistry B*, **2010**, 114, 8555-64	3.4	30

103	Properties of 1,8-cineole: a thermophysical and theoretical study. *Journal of Physical Chemistry B*, **2007**, 111, 3167-77	3.4	30
102	Ab initio study of solvent effects on the acetohydroxamic acid deprotonation processes. *Chemical Physics*, **2006**, 324, 350-358	2.3	30
101	Acid–base behaviour of the ferricyanide ion in perchloric acid media. Spectrophotometric and kinetic study. *Canadian Journal of Chemistry*, **1990**, 68, 228-235	0.9	30
100	New aspects of the interaction of the antibiotic coralyne with RNA: coralyne induces triple helix formation in poly(rA)*poly(rU). *Nucleic Acids Research*, **2010**, 38, 1697-710	20.1	29
99	Conformations, protonation sites, and metal complexation of benzohydroxamic Acid. A theoretical and experimental study. *Inorganic Chemistry*, **2005**, 44, 2908-19	5.1	29
98	Preferential solvation in alkan-1-ol/alkylbenzoate binary mixtures by solvatochromic probes. *Journal of Physical Chemistry B*, **2011**, 115, 10259-69	3.4	28
97	RNA triplex-to-duplex and duplex-to-triplex conversion induced by coralyne. *Physical Chemistry Chemical Physics*, **2014**, 16, 6012-8	3.6	27
96	Microwave dielectric relaxation spectroscopy study of alkan-1-ol/alkylbenzoate binary solvents. *Journal of Physical Chemistry B*, **2013**, 117, 11765-71	3.4	27
95	Solute–solvent interactions in the (N,N-dimethylformamide +N-methylformamide + water) ternary system at 298.15 K. *Physical Chemistry Chemical Physics*, **2001**, 3, 2866-2871	3.6	26
94	NMR studies of phenylbenzohydroxamic acid and kinetics of complex formation with nickel(II). *Inorganic Chemistry*, **2003**, 42, 5434-41	5.1	25
93	Chemical speciation of MeHg and Hg in aqueous solution and HEK cells nuclei by means of DNA interacting fluorogenic probes. *Chemical Science*, **2015**, 6, 3757-3764	9.4	24
92	Hydroxamic acids as weak base indicators: protonation in strong acid media. *Journal of Organic Chemistry*, **2001**, 66, 7986-93	4.2	24
91	Zwitterionic pyridinecarboxylic acids. *Journal of Physical Organic Chemistry*, **1996**, 9, 593-597	2.1	24
90	Studies on densities and viscosities of binary mixtures of alkyl benzoates in n-heptane. *Thermochimica Acta*, **1993**, 222, 127-136	2.9	24
89	Binding Studies of Metal-Salphen and Metal-Bipyridine Complexes towards G-Quadruplex DNA. *Chemistry - A European Journal*, **2018**, 24, 11785-11794	4.8	23
88	Computational study of the interaction of proflavine with d(ATATATATAT)2 and d(GCGCGCGCGC)2. *Computational and Theoretical Chemistry*, **2009**, 915, 86-92		22
87	Acid–base behaviour of the ferrocyanide ion in perchloric acid media potentiometric and spectrophotometric study. *Canadian Journal of Chemistry*, **1987**, 65, 583-589	0.9	22
86	Structural NMR and ab initio study of salicylhydroxamic and p-hydroxybenzohydroxamic acids: evidence for an extended aggregation. *Journal of Organic Chemistry*, **2007**, 72, 7832-40	4.2	21

85	Interaction of silver atomic quantum clusters with living organisms: bactericidal effect of Ag clusters mediated by disruption of topoisomerase-DNA complexes. *Chemical Science*, **2015**, 6, 6717-6724	9.4	20
84	Densities and viscosities of mixing for the binary system of methyl benzoate with n-nonane at different temperatures. *Thermochimica Acta*, **1991**, 186, 285-292	2.9	19
83	Role of Seroalbumin in the Cytotoxicity of cis-Dichloro Pt(II) Complexes with (N^N)-Donor Ligands Bearing Functionalized Tails. *Inorganic Chemistry*, **2018**, 57, 6124-6134	5.1	18
82	Microwave dielectric spectroscopy of 2-pyrrolidone + water mixtures. *Chemical Physics Letters*, **2007**, 444, 252-257	2.5	18
81	Solute–solvent interactions in lactams–water ternary solvents. *New Journal of Chemistry*, **2005**, 29, 817	3.6	18
80	Preferential Solvation in Ternary Solutions Containing Methylbenzoate. A Kirkwood–Buff Fluctuation Theory Study. *Journal of Physical Chemistry B*, **2003**, 107, 13478-13486	3.4	18
79	Molar excess volumes of binary liquid mixtures: 2-pyrrolidinone with C6–C10n-alkanols. *Canadian Journal of Chemistry*, **1996**, 74, 121-127	0.9	18
78	Binary liquid mixtures of acetonitrile with methyl, ethyl, n-propyl and n-butyl benzoates. Variation of viscosities with temperature and composition. *Thermochimica Acta*, **1987**, 117, 219-225	2.9	18
77	Left-handed DNA: intercalation of the cyanine thiazole orange and structural changes. A kinetic and thermodynamic approach. *Physical Chemistry Chemical Physics*, **2010**, 12, 13309-17	3.6	17
76	A turn-on fluorogenic probe for detection of MDMA from ecstasy tablets. *Chemical Communications* , **2012**, 48, 2994-6	5.8	16
75	ACMA (9-amino-6-chloro-2-methoxy acridine) forms three complexes in the presence of DNA. *Physical Chemistry Chemical Physics*, **2011**, 13, 19534-45	3.6	16
74	Appended Aromatic Moieties Determine the Cytotoxicity of Neutral Cyclometalated Platinum(II) Complexes Derived from 2-(2-Pyridyl)benzimidazole. *Inorganic Chemistry*, **2020**, 59, 4961-4971	5.1	15
73	Kinetic evidence for interaction of TMPyP4 with two different G-quadruplex conformations of human telomeric DNA. *Biochimica Et Biophysica Acta - General Subjects*, **2018**, 1862, 522-531	4	15
72	Monomer–Dimer Divergent Behavior toward DNA in a Half-Sandwich Ruthenium(II) Aqua Complex. Antiproliferative Biphasic Activity. *Organometallics*, **2015**, 34, 319-327	3.8	15
71	VOLUMETRIC BEHAVIOUR OF N-METHYLFORMAMIDE–(C1–C10)ALKAN-1-OL AND N,N-DIMETHYLFORMAMIDE–(C1–C10)ALKAN-1-OL SOLVENT SYSTEMS. *Journal of Physical Organic Chemistry*, **1997**, 10, 138-144	2.1	15
70	Thermophysical Behavior and Temperature Effect on the N-Methylpyrrolidone + (C1–C10) Alkan-1-ols Mixed Solvents. *Industrial & Engineering Chemistry Research*, **2003**, 42, 920-928	3.9	15
69	Strong Influence of Ancillary Ligands Containing Benzothiazole or Benzimidazole Rings on Cytotoxicity and Photoactivation of Ru(II) Arene Complexes. *Inorganic Chemistry*, **2018**, 57, 14322-14336	5.1	15
68	Selective Photooxidation of Sulfides Catalyzed by Bis-cyclometalated Ir Photosensitizers Bearing 2,2′-Dipyridylamine-Based Ligands. *Chemistry - A European Journal*, **2018**, 24, 10662-10671	4.8	15

67	Interstrand DNA covalent binding of two dinuclear Ru(ii) complexes. Influence of the extra ring of the bridging ligand on the DNA interaction and cytotoxic activity. *Dalton Transactions*, **2017**, 46, 3611-3622	4.3	14
66	PVTx measurements of the N-methylpyrrolidone/methanol mixed solvent: cubic and SAFT EOS analyses. *Journal of Physical Chemistry B*, **2006**, 110, 6933-42	3.4	14
65	Acidity constants of benzamide and some Ortho-substituted derivatives. *Journal of Physical Organic Chemistry*, **1993**, 6, 101-106	2.1	14
64	Strong Influence of the Ancillary Ligand over the Photodynamic Anticancer Properties of Neutral Biscyclometalated Ir Complexes Bearing 2-Benzoazole-Phenolates. *Chemistry - A European Journal*, **2018**, 24, 17523-17537	4.8	14
63	Silver Atomic Quantum Clusters of Three Atoms for Cancer Therapy: Targeting Chromatin Compaction to Increase the Therapeutic Index of Chemotherapy. *Advanced Materials*, **2018**, 30, e1801317	24	14
62	The mode of binding ACMA-DNA relies on the base-pair nature. *Organic and Biomolecular Chemistry* , **2012**, 10, 2594-602	3.9	13
61	Liquid□quid equilibria of lactam containing binary systems. *Fluid Phase Equilibria*, **2008**, 266, 90-100	2.5	13
60	Characterization and preferential solvation of the hexane/hexan-1-ol/methylbenzoate ternary solvent. *Journal of Physical Chemistry B*, **2005**, 109, 6375-85	3.4	13
59	Protonation Sites of Indoles and Benzoylindoles. *European Journal of Organic Chemistry*, **2005**, 2005, 1161-1171	3.2	13
58	Theoretical and experimental study of the acetohydroxamic acid protonation: the solvent effect. *Chemistry - A European Journal*, **2000**, 6, 2644-52	4.8	13
57	The mechanism of the Cu╫+[12-MCCu(Alaha)-4] metallacrown formation and lanthanum(III) encapsulation. *Dalton Transactions*, **2014**, 43, 9271-82	4.3	12
56	Kinetic study of the hexacyanoferrate (III) oxidation of dihydroxyfumaric acid in acid media. *Journal of Physical Chemistry A*, **2008**, 112, 4921-8	2.8	12
55	Structures of alkyl benzoate binary mixtures. A Kirkwood-Buff fluctuation theory study using UNIFAC. *Journal of Physical Chemistry B*, **2005**, 109, 19908-14	3.4	12
54	The pKBH+ calculation of strong bases: A revision of various methods. *Collection of Czechoslovak Chemical Communications*, **1987**, 52, 299-307		12
53	Kinetics and equilibria of the interactions of hydroxamic acids with gallium(III) and indium(III). *Inorganic Chemistry*, **2004**, 43, 3005-12	5.1	11
52	Hydrolysis mechanisms for the acetylpyridinephenylhydrazone ligand in sulfuric acid. *Journal of Organic Chemistry*, **2000**, 65, 3781-7	4.2	11
51	Mechanism of Ni2+ and NiOH+ interaction with hydroxamic acids in SDS: evaluation of the contributions to the equilibrium and rate parameters in the aqueous and micellar phase. *Dalton Transactions*, **2012**, 41, 7372-81	4.3	10
50	Hydrolysis mechanisms for indomethacin and acemethacin in perchloric acid. *Journal of Organic Chemistry*, **2006**, 71, 3718-26	4.2	10

49	Relaxation behavior of acrylate and methacrylate polymers containing dioxacyclopentane rings in the side chains. *Journal of Polymer Science, Part B: Polymer Physics*, **2001**, 39, 286-299	2.6	10
48	Kinetics of the interaction of indium(III) with 8-quinolinol-5-sulfonic acid and with sulfate. *Chemistry - A European Journal*, **2001**, 7, 4613-20	4.8	10
47	Protonation Study of Biological Bases of DNA. *Zeitschrift Fur Elektrotechnik Und Elektrochemie*, **1988**, 92, 696-700		10
46	Antiproliferative and bactericidal activity of diiron and monoiron cyclopentadienyl carbonyl complexes comprising a vinyl-aminoalkylidene unit. *Applied Organometallic Chemistry*, **2020**, 34, e5923	3.1	10
45	Selectivity of a thiosemicarbazonatocopper(ii) complex towards duplex RNA. Relevant noncovalent interactions both in solid state and solution. *Dalton Transactions*, **2016**, 45, 18704-18718	4.3	9
44	Heat capacity behavior and structure of alkan-1-ol/alkylbenzoate binary solvents. *Journal of Physical Chemistry B*, **2012**, 116, 9768-75	3.4	9
43	Properties and structure of aromatic ester solvents. *Journal of Physical Chemistry B*, **2007**, 111, 4417-31	3.4	9
42	Kinetics and Equilibria of the Interaction of Indium(III) with Pyrocathecol Violet by Relaxation Spectrometry. *Journal of Physical Chemistry A*, **2000**, 104, 7036-7043	2.8	9
41	Preferential solvation and mixing behaviour of the essential oil 1,8-cineole with short‐chain hydrocarbons. *Fluid Phase Equilibria*, **2016**, 429, 127-136	2.5	8
40	Overlapping equilibria: Applications to m-aminobenzoic acid. *Collection of Czechoslovak Chemical Communications*, **1987**, 52, 1087-1096		8
39	Fishing for G-Quadruplexes in Solution with a Perylene Diimide Derivative Labeled with Biotins. *Chemistry - A European Journal*, **2018**, 24, 11292-11296	4.8	8
38	Thermodynamics and kinetics of the nickel(II)-salicylhydroxamic acid system. Phenol rotation induced by metal ion binding. *Inorganic Chemistry*, **2007**, 46, 3680-7	5.1	7
37	Acid‐Base behaviour of organopalladium complexes [Pd(CNN)R]BF4. *New Journal of Chemistry*, **2004**, 28, 1450-1456	3.6	7
36	Activation thermodynamic parameters of binary mixtures of propionic acid ando-substituted anilines. *Journal of Solution Chemistry*, **1993**, 22, 797-807	1.8	7
35	A discussion of the Hammett acidity function. Study of some weak bases. *Journal of the Chemical Society Perkin Transactions II*, **1988**, 1759-1768		7
34	Anticancer and antibacterial potential of robust Ruthenium(II) arene complexes regulated by choice of α‐diimine and halide ligands. *Chemico-Biological Interactions*, **2021**, 344, 109522	5	7
33	Doxorubicin binds to duplex RNA with higher affinity than ctDNA and favours the isothermal denaturation of triplex RNA. *RSC Advances*, **2016**, 6, 101142-101152	3.7	6
32	Spectrophotometric and Electroanalytical Study of Minoxidil. *Analytical Letters*, **1991**, 24, 357-376	2.2	6

31	Excess properties for binary liquid mixtures of propionic acid with aniline derivatives. *Canadian Journal of Chemistry*, **1991**, 69, 369-372	0.9	6
30	Mg(II) and Ni(II) induce aggregation of poly(rA)poly(rU) to either tetra-aggregate or triplex depending on the metal ion concentration. *Journal of Inorganic Biochemistry*, **2015**, 151, 115-22	4.2	5
29	Route to metallacrowns: the mechanism of formation of a dinuclear iron(III)-salicylhydroxamate complex. *Inorganic Chemistry*, **2011**, 50, 10152-62	5.1	5
28	Acid-Base Equilibria of Minoxidil. *Analytical Letters*, **1991**, 24, 391-411	2.2	5
27	Biological activity and photocatalytic properties of a naphthyl-imidazo phenanthroline (HNAIP) ligand and its [Ir(ppy)(HNAIP)]Cl and [Rh(ppy)(HNAIP)]Cl complexes. *Journal of Inorganic Biochemistry*, **2020**, 203, 110885	4.2	5
26	A 2-(benzothiazol-2-yl)-phenolato platinum(II) complex as potential photosensitizer for combating bacterial infections in lung cancer chemotherapy *European Journal of Medicinal Chemistry*, **2021**, 222, 113600	6.8	5
25	Aggregation features and fluorescence of Hoechst 33258. *Journal of Physical Chemistry B*, **2015**, 119, 4575-81	3.4	4
24	Unequal effect of ethanol-water on the stability of ct-DNA, poly[(dA-dT)] and poly(rA) poly(rU). Thermophysical properties. *Physical Chemistry Chemical Physics*, **2015**, 17, 2025-33	3.6	3
23	Binding of Al(iii) to synthetic RNA and metal-mediated strand aggregation. *Dalton Transactions*, **2017**, 46, 16671-16681	4.3	3
22	Ag2 and Ag3 Clusters: Synthesis, Characterization, and Interaction with DNA. *Angewandte Chemie*, **2015**, 127, 7722-7726	3.6	3
21	Stabilization of Al(III) solutions by complexation with cacodylic acid: speciation and binding features. *Physical Chemistry Chemical Physics*, **2015**, 17, 29803-13	3.6	3
20	Hydrolysis mechanisms for the organopalladium complex [Pd(CNN)P(OMe)3]BF4 in sulfuric acid. *Journal of Physical Chemistry A*, **2009**, 113, 9115-23	2.8	3
19	Acid-base behavior of some orthopalladated complexes. *Reactive and Functional Polymers*, **1998**, 36, 227-233	4.6	3
18	Applicability of excess acidity functions in low-acidity media. *Journal of Physical Organic Chemistry*, **1991**, 4, 413-419	2.1	3
17	Targeting G-quadruplex structures with Zn(II) terpyridine derivatives: a SAR study. *Dalton Transactions*, **2020**, 49, 13372-13385	4.3	3
16	Influence of core extension and side chain nature in targeting G-quadruplex structures with perylene monoimide derivatives. *Bioorganic Chemistry*, **2021**, 108, 104660	5.1	3
15	New microsecond intramolecular reactions of human telomeric DNA in solution. *RSC Advances*, **2016**, 6, 39204-39208	3.7	3
14	Anticancer Activity of Half-Sandwich Ru, Rh and Ir Complexes with Chrysin Derived Ligands: Strong Effect of the Side Chain in the Ligand and Influence of the Metal. *Pharmaceutics*, **2021**, 13,	6.4	3

13	On the properties of methylbenzoate/n-hexane mixed solvents: a theoretical and experimental study. *Journal of Physical Chemistry B*, **2008**, 112, 5047-57	3.4	2
12	Thermodynamics of 2-pyrrolidinone + n-alkanol binary mixtures: activation properties. *Thermochimica Acta*, **1991**, 180, 159-167	2.9	2
11	Alcian blue pyridine variant interaction with DNA and RNA polynucleotides and G-quadruplexes: changes in the binding features for different biosubstrates. *Journal of Inorganic Biochemistry*, **2020**, 212, 111199	4.2	2
10	Experimental and theoretical characterization of the strong effects on DNA stability caused by half-sandwich Ru(II) and Ir(III) bearing thiabendazole complexes. *Journal of Biological Inorganic Chemistry*, **2020**, 25, 1067-1083	3.7	2
9	Binding of aluminium/cacodylate complexes with DNA and RNA. Experimental and in silico study. *New Journal of Chemistry*, **2018**, 42, 8137-8144	3.6	1
8	Phosphine and thiophene cyclopalladated complexes: hydrolysis reactions in strong acidic media. *Chemistry - an Asian Journal*, **2010**, 5, 2530-40	4.5	1
7	Evaluation of proton activity in microemulsions by a kinetic probe. *Journal of Colloid and Interface Science*, **2010**, 352, 465-9	9.3	1
6	Distinct mechanism of action for antitumoral neutral cyclometalated Pt(II)-complexes bearing antifungal imidazolyl-based drugs. *Journal of Inorganic Biochemistry*, **2022**, 226, 111663	4.2	1
5	Screening the biological properties of transition metal carbamates reveals gold(I) and silver(I) complexes as potent cytotoxic and antimicrobial agents. *Journal of Inorganic Biochemistry*, **2021**, 227, 111667	4.2	1
4	Structure-composition relationships in ternary solvents containing methylbenzoate. *Journal of Physical Chemistry B*, **2008**, 112, 3420-31	3.4	0
3	Combined spectroscopic and theoretical analysis of the binding of a water-soluble perylene diimide to DNA/RNA polynucleotides and G-quadruplexes. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 260, 119914	4.4	0
2	Nanomedicine: Silver Atomic Quantum Clusters of Three Atoms for Cancer Therapy: Targeting Chromatin Compaction to Increase the Therapeutic Index of Chemotherapy (Adv. Mater. 33/2018). *Advanced Materials*, **2018**, 30, 1870249	24	
1	Comments on Densities, Viscosities, Speeds of Sound, and Relative Permittivities for Water + Cyclic Amides (2-Pyrrolidinone, 1-Methyl-2-pyrrolidinone, and 1-Vinyl-pyrrolidinone) at Different Temperatures (George J.; Sastry N. V. J. Chem. Eng. Data2004, 49, 235242). *Journal of Chemical & Engineering Data*, **2005**, 50, 293-294	2.8	