

Begona Garcia

List of Publications by Year in descending order

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145
docs citations

145
times ranked

3765
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#	ARTICLE	IF	CITATIONS
1	DNA-binding of nickel(II), copper(II) and zinc(II) complexes: Structure-activity relationships. <i>Coordination Chemistry Reviews</i> , 2013, 257, 2848-2862.	18.8	240
2	New Insights into the Mechanism of the DNA/Doxorubicin Interaction. <i>Journal of Physical Chemistry B</i> , 2014, 118, 1288-1295.	2.6	172
3	Measurements and Modeling of Thermophysical Behavior of (C ₁ -C ₄) Alkylbenzoate/ (C ₁ -C ₁₁) Alkan-1-ol Mixed Solvents. <i>Journal of Physical Chemistry B</i> , 2004, 108, 15841-15850.	2.6	152
4	Solute-Solvent Interactions in Amide-Water Mixed Solvents. <i>Journal of Physical Chemistry B</i> , 1997, 101, 7991-7997.	2.6	133
5	On the properties of 1-butyl-3-methylimidazolium octylsulfate ionic liquid. <i>Green Chemistry</i> , 2007, 9, 221-232.	9.0	130
6	Shear viscosities of binary liquid mixtures: 2-pyrrolidinone with 1-alkanols. <i>Journal of Chemical & Engineering Data</i> , 1991, 36, 269-274.	1.9	102
7	Formamide-(C ₁ -C ₅) alkan-1-ols solvent systems. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 3347-3352.	1.7	98
8	Derivation of Structure-Activity Relationships from the Anticancer Properties of Ruthenium(II) Arene Complexes with 2-Aryldiazole Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 11274-11288.	4.0	84
9	The N-methylpyrrolidone-(C ₁ -C ₁₀) alkan-1-ols solvent systems Electronic Supplementary Information (ESI) available: Properties of pure components, densities, viscosities and refractive indices of mixtures NMP(1)+alkan-1-ols(2) at 298.15 K (Tables S1-S4). See http://www.rsc.org/suppdata/cp/b1/b109709c . <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 1170-1177.	2.8	78
10	Shear viscosities of the N-methylformamide- and N,N-dimethylformamide-(C ₁ -C ₁₀) alkan-1-ol solvent systems. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 1115-1118.	1.7	74
11	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. <i>Inorganic Chemistry</i> , 2013, 52, 9962-9974.	4.0	67
12	Thermophysical Behavior of Methylbenzoate + n-Alkanes Mixed Solvents. Application of Cubic Equations of State and Viscosity Models. <i>Industrial & Engineering Chemistry Research</i> , 2002, 41, 4399-4408.	3.7	66
13	Ag ₂ and Ag ₃ Clusters: Synthesis, Characterization, and Interaction with DNA. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7612-7616.	13.8	63
14	Excess viscosity η^E , excess volume V^E , and excess free energy of activation ΔG^E at 283, 293, 303, 313, and 323 K for mixtures acetonitrile and alkyl benzoates. <i>Journal of Chemical & Engineering Data</i> , 1988, 33, 200-204.	1.9	56
15	Thermophysical Behavior of n-Alkane + Alkylbenzoate Mixed Solvents. Measurements and Properties Modeling. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 7575-7583.	3.7	56
16	Characterization of Lactam-Containing Binary Solvents by Solvatochromic Indicators. <i>Journal of Physical Chemistry B</i> , 2004, 108, 3024-3029.	2.6	55
17	Liquid structure of ethyl lactate, pure and water mixed, as seen by dielectric spectroscopy, solvatochromic and thermophysical studies. <i>Chemical Physics Letters</i> , 2008, 454, 49-55.	2.6	55
18	Role of the Third Strand in the Binding of Proflavine and Pt-Proflavine to Poly(rA)-poly(rU): A Thermodynamic and Kinetic Study. <i>Journal of Physical Chemistry B</i> , 2008, 112, 7132-7139.	2.6	53

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19	High-Pressure Study of the Methylsulfate and Tosylate Imidazolium Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2009, 113, 5593-5606.	2.6	52
20	Deprotonation Sites of Acetohydroxamic Acid Isomers. A Theoretical and Experimental Study. <i>Journal of Organic Chemistry</i> , 2003, 68, 6535-6542.	3.2	47
21	Acid-base behaviour of the ferricyanide ion in perchloric acid media. Spectrophotometric and kinetic study. <i>Canadian Journal of Chemistry</i> , 1990, 68, 228-235.	1.1	46
22	Outer-sphere hexacyanoferrate(III) oxidation of organic substrates. <i>Coordination Chemistry Reviews</i> , 1998, 173, 79-131.	18.8	45
23	Alkali-metal ion catalysis of the oxidation of L-ascorbic acid by hexacyanoferrate(III) in strongly acidic media. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 3571.	1.7	43
24	Properties of 1,8-Cineole: A Thermophysical and Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2007, 111, 3167-3177.	2.6	43
25	Shear viscosities of binary mixtures of pyrrolidin-2-one with C ₆ -C ₁₀ n-alkan-1-ols. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 219-225.	1.7	42
26	Volumetric properties, viscosities and refractive indices of binary mixed solvents containing methyl benzoate. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 5833-5840.	2.8	42
27	Intercalation of Ethidium into Triple-Strand Poly(rA) ₂ Poly(rU): A Thermodynamic and Kinetic Study. <i>Journal of Physical Chemistry B</i> , 2006, 110, 16131-16138.	2.6	42
28	Thiabendazole-based Rh(III) and Ir(III) biscyclometallated complexes with mitochondria-targeted anticancer activity and metal-sensitive photodynamic activity. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 279-293.	5.5	41
29	Measurements and Predictive Models for the N-Methyl-2-pyrrolidone/Water/Methanol System. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11361-11373.	2.6	40
30	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. <i>Journal of Biological Inorganic Chemistry</i> , 2010, 15, 515-532.	2.6	39
31	Interaction of the DNA bases and their mononucleotides with pyridine-2-carbaldehyde thiosemicarbazonecopper(II) complexes. Structure of the cytosine derivative. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1892-1900.	3.5	37
32	Ab initio study of solvent effects on the acetohydroxamic acid deprotonation processes. <i>Chemical Physics</i> , 2006, 324, 350-358.	1.9	36
33	Preparation of Organometallic Ruthenium-Arene-Diaminotriazine Complexes as Binding Agents to DNA. <i>Chemistry - an Asian Journal</i> , 2012, 7, 788-801.	3.3	36
34	Interaction of Thionine with Triple-, Double-, and Single-Stranded RNAs. <i>Journal of Physical Chemistry B</i> , 2013, 117, 38-48.	2.6	35
35	Modeling the PVT _x Behavior of the N-Methylpyrrolidinone/Water Mixed Solvent. <i>Industrial & Engineering Chemistry Research</i> , 2004, 43, 3205-3215.	3.7	34
36	Conformations, Protonation Sites, and Metal Complexation of Benzohydroxamic Acid. A Theoretical and Experimental Study. <i>Inorganic Chemistry</i> , 2005, 44, 2908-2919.	4.0	34

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37	Solvent Effects on the Thermodynamics and Kinetics of Coralyne Self-Aggregation. <i>Journal of Physical Chemistry B</i> , 2009, 113, 188-196.	2.6	34
38	Phenanthroline ligands are biologically more active than their corresponding ruthenium(II) arene complexes. <i>Dalton Transactions</i> , 2014, 43, 2629-2645.	3.3	34
39	New aspects of the interaction of the antibiotic coralyne with RNA: coralyne induces triple helix formation in poly(rA)-poly(rU). <i>Nucleic Acids Research</i> , 2010, 38, 1697-1710.	14.5	32
40	Change of the Binding Mode of the DNA/Proflavine System Induced by Ethanol. <i>Journal of Physical Chemistry B</i> , 2010, 114, 8555-8564.	2.6	32
41	RNA triplex-to-duplex and duplex-to-triplex conversion induced by coralyne. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 6012.	2.8	32
42	Chemical speciation of MeHg ⁺ and Hg ²⁺ in aqueous solution and HEK cells nuclei by means of DNA interacting fluorogenic probes. <i>Chemical Science</i> , 2015, 6, 3757-3764.	7.4	31
43	Preferential Solvation in Alkan-1-ol/Alkylbenzoate Binary Mixtures by Solvatochromic Probes. <i>Journal of Physical Chemistry B</i> , 2011, 115, 10259-10269.	2.6	29
44	Binding Studies of Metal-Salphen and Metal-Bipyridine Complexes towards Quadruplex DNA. <i>Chemistry - A European Journal</i> , 2018, 24, 11785-11794.	3.3	29
45	Studies on densities and viscosities of binary mixtures of alkyl benzoates in n-heptane. <i>Thermochimica Acta</i> , 1993, 222, 127-136.	2.7	28
46	Microwave Dielectric Relaxation Spectroscopy Study of Alkan-1-ol/Alkylbenzoate Binary Solvents. <i>Journal of Physical Chemistry B</i> , 2013, 117, 11765-11771.	2.6	28
47	Appended Aromatic Moieties Determine the Cytotoxicity of Neutral Cyclometalated Platinum(II) Complexes Derived from 2-(2-Pyridyl)benzimidazole. <i>Inorganic Chemistry</i> , 2020, 59, 4961-4971.	4.0	28
48	Acid-base behaviour of the ferrocyanide ion in perchloric acid media potentiometric and spectrophotometric study. <i>Canadian Journal of Chemistry</i> , 1987, 65, 583-589.	1.1	27
49	Solute-solvent interactions in the (N,N-dimethylformamide + N-methylformamide + water) ternary system at 298.15 K. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 2866-2871.	2.8	27
50	NMR Studies of Phenylbenzohydroxamic Acid and Kinetics of Complex Formation with Nickel(II). <i>Inorganic Chemistry</i> , 2003, 42, 5434-5441.	4.0	27
51	Role of Seroalbumin in the Cytotoxicity of <i>cis</i> -Dichloro Pt(II) Complexes with (N ^N)-Donor Ligands Bearing Functionalized Tails. <i>Inorganic Chemistry</i> , 2018, 57, 6124-6134.	4.0	27
52	Zwitterionic pyridinecarboxylic acids. <i>Journal of Physical Organic Chemistry</i> , 1996, 9, 593-597.	1.9	26
53	Hydroxamic Acids as Weak Base Indicators: Protonation in Strong Acid Media. <i>Journal of Organic Chemistry</i> , 2001, 66, 7986-7993.	3.2	26
54	Interaction of silver atomic quantum clusters with living organisms: bactericidal effect of Ag ₃ clusters mediated by disruption of topoisomerase-DNA complexes. <i>Chemical Science</i> , 2015, 6, 6717-6724.	7.4	26

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55	Structural NMR and ab Initio Study of Salicylhydroxamic and <i>p</i> -Hydroxybenzohydroxamic Acids: Evidence for an Extended Aggregation. <i>Journal of Organic Chemistry</i> , 2007, 72, 7832-7840.	3.2	24
56	Computational study of the interaction of proflavine with d(ATATATATAT)2 and d(GCGCGCGCGC)2. <i>Computational and Theoretical Chemistry</i> , 2009, 915, 86-92.	1.5	24
57	Selective Photooxidation of Sulfides Catalyzed by Bis(cyclometalated Ir ^{III}) Photosensitizers Bearing 2,2'-Dipyridylamine-Based Ligands. <i>Chemistry - A European Journal</i> , 2018, 24, 10662-10671.	3.3	23
58	Molar excess volumes of binary liquid mixtures: 2-pyrrolidinone with C6-C10n-alkanols. <i>Canadian Journal of Chemistry</i> , 1996, 74, 121-127.	1.1	22
59	Kinetic evidence for interaction of TMPyP4 with two different G-quadruplex conformations of human telomeric DNA. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 522-531.	2.4	22
60	Strong Influence of Ancillary Ligands Containing Benzothiazole or Benzimidazole Rings on Cytotoxicity and Photoactivation of Ru(II) Arene Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 14322-14336.	4.0	21
61	Left-handed DNA: intercalation of the cyanine thiazole orange and structural changes. A kinetic and thermodynamic approach. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 13309.	2.8	20
62	A turn-on fluorogenic probe for detection of MDMA from ecstasy tablets. <i>Chemical Communications</i> , 2012, 48, 2994.	4.1	20
63	Silver Atomic Quantum Clusters of Three Atoms for Cancer Therapy: Targeting Chromatin Compaction to Increase the Therapeutic Index of Chemotherapy. <i>Advanced Materials</i> , 2018, 30, e1801317.	21.0	20
64	Screening the biological properties of transition metal carbamates reveals gold(I) and silver(I) complexes as potent cytotoxic and antimicrobial agents. <i>Journal of Inorganic Biochemistry</i> , 2022, 227, 111667.	3.5	20
65	Densities and viscosities of mixing for the binary system of methyl benzoate with n-nonane at different temperatures. <i>Thermochimica Acta</i> , 1991, 186, 285-292.	2.7	19
66	Preferential Solvation in Ternary Solutions Containing Methylbenzoate. A Kirkwood-Buffer Fluctuation Theory Study. <i>Journal of Physical Chemistry B</i> , 2003, 107, 13478-13486.	2.6	19
67	Binary liquid mixtures of acetonitrile with methyl, ethyl, n-propyl and n-butyl benzoates. Variation of viscosities with temperature and composition. <i>Thermochimica Acta</i> , 1987, 117, 219-225.	2.7	18
68	Solute-solvent interactions in lactams-water ternary solvents. <i>New Journal of Chemistry</i> , 2005, 29, 817.	2.8	18
69	Microwave dielectric spectroscopy of 2-pyrrolidone+water mixtures. <i>Chemical Physics Letters</i> , 2007, 444, 252-257.	2.6	18
70	Monomer-Dimer Divergent Behavior toward DNA in a Half-Sandwich Ruthenium(II) Aqua Complex. Antiproliferative Biphase Activity. <i>Organometallics</i> , 2015, 34, 319-327.	2.3	18
71	Strong Influence of the Ancillary Ligand over the Photodynamic Anticancer Properties of Neutral Biscyclometalated Ir ^{III} Complexes Bearing 2-Benzooazole-Phenolates. <i>Chemistry - A European Journal</i> , 2018, 24, 17523-17537.	3.3	18
72	Acidity constants of benzamide and some Ortho-substituted derivatives. <i>Journal of Physical Organic Chemistry</i> , 1993, 6, 101-106.	1.9	17

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73	Interstrand DNA covalent binding of two dinuclear Ru(μ - μ) complexes. Influence of the extra ring of the bridging ligand on the DNA interaction and cytotoxic activity. Dalton Transactions, 2017, 46, 3611-3622.	3.3	17
74	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.	1.9	16
75	PVT Measurements of the N-Methylpyrrolidone/Methanol Mixed Solvent: A Cubic and SAFT EOS Analyses. Journal of Physical Chemistry B, 2006, 110, 6933-6942.	2.6	16
76	ACMA (9-amino-6-chloro-2-methoxy acridine) forms three complexes in the presence of DNA. Physical Chemistry Chemical Physics, 2011, 13, 19534.	2.8	16
77	Thermophysical Behavior and Temperature Effect on the N-Methylpyrrolidone + (C1-C10) Alkan-1-ols Mixed Solvents. Industrial & Engineering Chemistry Research, 2003, 42, 920-928.	3.7	15
78	Liquid-liquid equilibria of lactam containing binary systems. Fluid Phase Equilibria, 2008, 266, 90-100.	2.5	15
79	Protonation Sites of Indoles and Benzoylindoles. European Journal of Organic Chemistry, 2005, 2005, 1161-1171.	2.4	14
80	Characterization and Preferential Solvation of the Hexane/Hexan-1-ol/Methylbenzoate Ternary Solvent. Journal of Physical Chemistry B, 2005, 109, 6375-6385.	2.6	14
81	Antiproliferative and bactericidal activity of diiron and monoiron cyclopentadienyl carbonyl complexes comprising a vinylaminoalkylidene unit. Applied Organometallic Chemistry, 2020, 34, e5923.	3.5	14
82	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.	5.5	14
83	Theoretical and Experimental Study of the Acetohydroxamic Acid Protonation: The Solvent Effect. Chemistry - A European Journal, 2000, 6, 2644-2652.	3.3	13
84	Hydrolysis Mechanisms for the Acetylpyridinephenylhydrazone Ligand in Sulfuric Acid. Journal of Organic Chemistry, 2000, 65, 3781-3787.	3.2	13
85	The mode of binding ACMA-DNA relies on the base-pair nature. Organic and Biomolecular Chemistry, 2012, 10, 2594.	2.8	13
86	Fishing for G-Quadruplexes in Solution with a Perylene Diimide Derivative Labeled with Biotins. Chemistry - A European Journal, 2018, 24, 11292-11296.	3.3	13
87	Anticancer and antibacterial potential of robust Ruthenium(II) arene complexes regulated by choice of \pm -diimine and halide ligands. Chemico-Biological Interactions, 2021, 344, 109522.	4.0	13
88	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.	2.1	12
89	Kinetics and Equilibria of the Interactions of Hydroxamic Acids with Gallium(III) and Indium(III). Inorganic Chemistry, 2004, 43, 3005-3012.	4.0	12
90	Structures of Alkyl Benzoate Binary Mixtures. A Kirkwood-Buff Fluctuation Theory Study Using UNIFAC. Journal of Physical Chemistry B, 2005, 109, 19908-19914.	2.6	12

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91	Hydrolysis Mechanisms for Indomethacin and Acemethacin in Perchloric Acid. <i>Journal of Organic Chemistry</i> , 2006, 71, 3718-3726.	3.2	12
92	Properties and Structure of Aromatic Ester Solvents. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4417-4431.	2.6	12
93	Kinetic Study of the Hexacyanoferrate (III) Oxidation of Dihydroxyfumaric Acid in Acid Media. <i>Journal of Physical Chemistry A</i> , 2008, 112, 4921-4928.	2.5	12
94	The mechanism of the Cu ²⁺ [12-MCCu(Alaha)-4] metallacrown formation and lanthanum(III) encapsulation. <i>Dalton Transactions</i> , 2014, 43, 9271-9282.	3.3	12
95	Selectivity of a thiosemicarbazonatocopper(II) complex towards duplex RNA. Relevant noncovalent interactions both in solid state and solution. <i>Dalton Transactions</i> , 2016, 45, 18704-18718.	3.3	12
96	The pK _{BH+} calculation of strong bases: A revision of various methods. <i>Collection of Czechoslovak Chemical Communications</i> , 1987, 52, 299-307.	1.0	12
97	Protonation Study of Biological Bases of DNA. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1988, 92, 696-700.	0.9	11
98	Kinetics and Equilibria of the Interaction of Indium(III) with Pyrocatechol Violet by Relaxation Spectrometry. <i>Journal of Physical Chemistry A</i> , 2000, 104, 7036-7043.	2.5	11
99	Mechanism of Ni ²⁺ and NiOH ⁺ interaction with hydroxamic acids in SDS: evaluation of the contributions to the equilibrium and rate parameters in the aqueous and micellar phase. <i>Dalton Transactions</i> , 2012, 41, 7372.	3.3	11
100	Kinetics of the Interaction of Indium(III) with 8-Quinolinol-5-sulfonic Acid and with Sulfate. <i>Chemistry - A European Journal</i> , 2001, 7, 4613-4620.	3.3	10
101	Aggregation Features and Fluorescence of Hoechst 33258. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4575-4581.	2.6	10
102	Biological activity and photocatalytic properties of a naphthyl-imidazo phenanthroline (HNAIP) ligand and its [Ir(ppy) ₂ (HNAIP)]Cl and [Rh(ppy) ₂ (HNAIP)]Cl complexes. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110885.	3.5	10
103	Spectrophotometric and Electroanalytical Study of Minoxidil. <i>Analytical Letters</i> , 1991, 24, 357-376.	1.8	9
104	Thermodynamics and Kinetics of the Nickel(II)-Salicylhydroxamic Acid System. Phenol Rotation Induced by Metal Ion Binding. <i>Inorganic Chemistry</i> , 2007, 46, 3680-3687.	4.0	9
105	Heat Capacity Behavior and Structure of Alkan-1-ol/Alkylbenzoate Binary Solvents. <i>Journal of Physical Chemistry B</i> , 2012, 116, 9768-9775.	2.6	9
106	Preferential solvation and mixing behaviour of the essential oil 1,8-cineole with short-chain hydrocarbons. <i>Fluid Phase Equilibria</i> , 2016, 429, 127-136.	2.5	9
107	Alcian blue pyridine variant interaction with DNA and RNA polynucleotides and G-quadruplexes: changes in the binding features for different biosubstrates. <i>Journal of Inorganic Biochemistry</i> , 2020, 212, 111199.	3.5	9
108	Distinct mechanism of action for antitumoral neutral cyclometalated Pt(II)-complexes bearing antifungal imidazolyl-based drugs. <i>Journal of Inorganic Biochemistry</i> , 2022, 226, 111663.	3.5	9

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109	Overlapping equilibria: Applications to m-aminobenzoic acid. Collection of Czechoslovak Chemical Communications, 1987, 52, 1087-1096.	1.0	8
110	Acid-base behaviour of organopalladium complexes [Pd(CNN)R]BF ₄ . New Journal of Chemistry, 2004, 28, 1450-1456.	2.8	8
111	A discussion of the Hammett acidity function. Study of some weak bases. Journal of the Chemical Society Perkin Transactions II, 1988, , 1759-1768.	0.9	7
112	Activation thermodynamic parameters of binary mixtures of propionic acid and o-substituted anilines. Journal of Solution Chemistry, 1993, 22, 797-807.	1.2	7
113	Doxorubicin binds to duplex RNA with higher affinity than ctDNA and favours the isothermal denaturation of triplex RNA. RSC Advances, 2016, 6, 101142-101152.	3.6	7
114	Targeting G-quadruplex structures with Zn(II) terpyridine derivatives: a SAR study. Dalton Transactions, 2020, 49, 13372-13385.	3.3	7
115	Influence of core extension and side chain nature in targeting G-quadruplex structures with perylene monoimide derivatives. Bioorganic Chemistry, 2021, 108, 104660.	4.1	7
116	Excess properties for binary liquid mixtures of propionic acid with aniline derivatives. Canadian Journal of Chemistry, 1991, 69, 369-372.	1.1	6
117	Acid-Base Equilibria of Minoxidil. Analytical Letters, 1991, 24, 391-411.	1.8	6
118	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. Pharmaceuticals, 2021, 13, 1540.	4.5	6
119	Route to Metallocrowns: The Mechanism of Formation of a Dinuclear Iron(III)-Salicylhydroxamate Complex. Inorganic Chemistry, 2011, 50, 10152-10162.	4.0	5
120	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, 115-122.	3.5	5
121	Inert cationic iridium(III) complexes with phenanthroline-based ligands: application in antimicrobial inactivation of multidrug-resistant bacterial strains. Dalton Transactions, 2022, 51, 9653-9663.	3.3	5
122	Applicability of excess acidity functions in low-acidity media. Journal of Physical Organic Chemistry, 1991, 4, 413-419.	1.9	4
123	Unequal effect of ethanol-water on the stability of ct-DNA, poly[(dA-dT)] ₂ and poly(rA)-poly(rU). Thermophysical properties. Physical Chemistry Chemical Physics, 2015, 17, 2025-2033.	2.8	4
124	Binding of Al(III) to synthetic RNA and metal-mediated strand aggregation. Dalton Transactions, 2017, 46, 16671-16681.	3.3	4
125	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.	2.6	4
126	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.	3.9	4

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127	The effect of halogenation of salicylaldehyde on the antiproliferative activities of $\{[Ru(bpy)_2(X,Y-sal)]BF_4\}$ complexes. Dalton Transactions, 2022, 51, 7658-7672.	3.3	4
128	Thermodynamics of 2-pyrrolidinone + n-alkanol binary mixtures: activation properties. Thermochimica Acta, 1991, 180, 159-167.	2.7	3
129	Acid-base behavior of some orthopalladated complexes. Reactive and Functional Polymers, 1998, 36, 227-233.	4.1	3
130	On the Properties of Methylbenzoate/n-Hexane Mixed Solvents: A Theoretical and Experimental Study. Journal of Physical Chemistry B, 2008, 112, 5047-5057.	2.6	3
131	Hydrolysis Mechanisms for the Organopalladium Complex $[Pd(CNN)P(OMe)_3]BF_4$ in Sulfuric Acid. Journal of Physical Chemistry A, 2009, 113, 9115-9123.	2.5	3
132	Stabilization of Al(III) solutions by complexation with cacodylic acid: speciation and binding features. Physical Chemistry Chemical Physics, 2015, 17, 29803-29813.	2.8	3
133	New microsecond intramolecular reactions of human telomeric DNA in solution. RSC Advances, 2016, 6, 39204-39208.	3.6	3
134	Binding of aluminium/cacodylate complexes with DNA and RNA. Experimental and <i>in silico</i> study. New Journal of Chemistry, 2018, 42, 8137-8144.	2.8	3
135	Determination of limiting molar conductivities of weak organic acids in aqueous solutions. Collection of Czechoslovak Chemical Communications, 1991, 56, 1184-1192.	1.0	2
136	Synthesis of water-soluble hemicoronediimides by photocyclization of perylenediimides: Turn-on fluorescent probes in water by complexation with Cucurbit[7]uril or binding to G-quadruplex Motifs. Dyes and Pigments, 2022, 205, 110557.	3.7	2
137	Structure-Composition Relationships in Ternary Solvents Containing Methylbenzoate. Journal of Physical Chemistry B, 2008, 112, 3420-3431.	2.6	1
138	Phosphine and Thiophene Cyclopalladated Complexes: Hydrolysis Reactions in Strong Acidic Media. Chemistry - an Asian Journal, 2010, 5, 2530-2540.	3.3	1
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