

Lech Chmurzyński

List of Publications by Year in descending order

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170
papers

2,016
citations

304743

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395702

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	On the Effect of pH, Temperature, and Surfactant Structure on Bovine Serum Albuminâ€™s Cationic/Anionic/Nonionic Surfactants Interactions in Cacodylate Bufferâ€™s Fluorescence Quenching Studies Supported by UV Spectrophotometry and CD Spectroscopy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 41.	4.1	11
2	Fluorescence Quenching Studies on the Interactions between Chosen Fluoroquinolones and Selected Stable TEMPO and PROXYL Nitroxides. <i>International Journal of Molecular Sciences</i> , 2021, 22, 885.	4.1	12
3	Physicochemical nature of sodium dodecyl sulfate interactions with bovine serum albumin revealed by interdisciplinary approaches. <i>Journal of Molecular Liquids</i> , 2021, 340, 117185.	4.9	10
4	Key role of histidine residues orientation in affinity binding of model pentapeptides with Ni ²⁺ ions: A theoretical supported experimental study. <i>Journal of Molecular Liquids</i> , 2021, 341, 117414.	4.9	3
5	Effect of Tetraphenylborate on Physicochemical Properties of Bovine Serum Albumin. <i>Molecules</i> , 2021, 26, 6565.	3.8	7
6	Iminodiacetate complex of cobalt(II) â€™s Structure, physicochemical characteristics, biological properties and catalytic activity for 2-chloro-2-propen-1-ol oligomerization. <i>Polyhedron</i> , 2020, 175, 114168.	2.2	10
7	Acidic-basic properties of arginine-rich peptide fragments derived from the human Pin1 protein. <i>Journal of Molecular Liquids</i> , 2020, 312, 113379.	4.9	2
8	The oxydiacetate and iminodiacetate complexes of oxidovanadium(IV) as the new series of the catalysts for the oligomerization of beta-olefin derivatives. <i>Polyhedron</i> , 2020, 180, 114409.	2.2	3
9	Modification of DNA structure by reactive nitrogen species as a result of 2-methoxyestradiolâ€™s induced neuronal nitric oxide synthase uncoupling in metastatic osteosarcoma cells. <i>Redox Biology</i> , 2020, 32, 101522.	9.0	10
10	A Pentapeptide with Tyrosine Moiety as Fluorescent Chemosensor for Selective Nanomolar-Level Detection of Copper(II) Ions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 743.	4.1	15
11	Interactions of A ²¹⁻⁴² Peptide and Its Three Fragments (A ²⁸⁻¹² , A ²⁸⁻¹³ , and A ²⁵⁻¹⁶) with Selected Nonsteroidal Drugs and Compounds of Natural Origin. <i>Symmetry</i> , 2020, 12, 1579.	2.2	0
12	Dihydroxy-Substituted Coumarins as Fluorescent Probes for Nanomolar-Level Detection of the 4-Amino-TEMPO Spin Label. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3802.	4.1	11
13	The effect of vanadium(IV) complexes on development of <i>Arabidopsis thaliana</i> subjected to H ₂ O ₂ -induced stress. <i>Functional Plant Biology</i> , 2019, 46, 942.	2.1	11
14	A review of new approaches to analytical methods to determine the structure and morphology of polymers. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 470-476.	11.4	17
15	Formation of 2-chloroallyl alcohol oligomers using a new crystalline dipicolinate complex of Cr(III) as a catalyst. <i>Journal of Catalysis</i> , 2019, 375, 287-293.	6.2	9
16	Probing the binding selected metal ions and biologically active substances to the antimicrobial peptide LL-37 using DSC, ITC measurements and calculations. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 4523-4529.	3.6	11
17	MALDI-MS for polymer characterization â€™s Recent developments and future prospects. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 115, 121-128.	11.4	15
18	Antimicrobial, cytotoxic, and antioxidant activities and physicochemical characteristics of chromium(III) complexes with picolinate, dipicolinate, oxalate, 2,2â€™-bipyridine, and 4,4â€™-dimethoxy-2,2â€™-bipyridine as ligands in aqueous solutions. <i>Journal of Molecular Liquids</i> , 2019, 282, 441-447.	4.9	13

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19	Aquation reaction of iminodiacetate complex of oxidovanadium(IV) with 2,2'-bipyridine induced by Fe(III) ions: Kinetic studies. <i>Progress in Reaction Kinetics and Mechanism</i> , 2019, 44, 300-306.	2.1	0
20	Characterization of polymers based on differential scanning calorimetry based techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 110, 51-56.	11.4	38
21	Copper(II) coordination properties of GxG peptides: Key role of side chains of central residues on coordination of formed systems; combined potentiometric and ITC studies. <i>Journal of Chemical Thermodynamics</i> , 2019, 128, 336-343.	2.0	4
22	New type of highly active chromium(III) catalysts containing both organic cations and anions designed for polymerization of beta-olefin derivatives. <i>Scientific Reports</i> , 2018, 8, 2315.	3.3	19
23	Antioxidant and Cytoprotective Activity of Oxydiacetate Complexes of Cobalt(II) and Nickel(II) with 1,10-Phenanthroline and 2,2'-Bipyridine. <i>Biological Trace Element Research</i> , 2018, 185, 244-251.	3.5	11
24	Investigation of the Binding Properties of the Cosmetic Peptide Argireline and Its Derivatives Towards Copper(II) Ions. <i>Journal of Solution Chemistry</i> , 2018, 47, 80-91.	1.2	3
25	Crystal structure and isothermal titration calorimetry studies of new cobalt(II) complex with 2-methylnitrilotriacetate ion. <i>Inorganica Chimica Acta</i> , 2018, 482, 554-560.	2.4	0
26	Geometric isomerism effect on catalytic activities of bis(oxalato)diaquochromates(III) for 2-chloroallyl alcohol oligomerization. <i>Journal of Chemical Sciences</i> , 2018, 130, 1.	1.5	11
27	Kinetics and thermodynamic of reaction of oxydiacetate copper(II) complex with 2,2'-bipyridine and 1,10-phenanthroline in anionic and cationic surfactant solutions. <i>Journal of Molecular Liquids</i> , 2018, 264, 470-475.	4.9	2
28	The impact of environmental contamination on the generation of reactive oxygen and nitrogen species – Consequences for plants and humans. <i>Environment International</i> , 2018, 119, 133-151.	10.0	36
29	Copper(II) complexation by fragment of central part of FBP28 protein from <i>Mus musculus</i> . <i>Biophysical Chemistry</i> , 2018, 241, 55-60.	2.8	13
30	The influence of the type of substituents and the solvent on the interactions between different coumarins and selected TEMPO analogues – Fluorescence quenching studies. <i>Chemical Physics</i> , 2018, 513, 188-194.	1.9	14
31	Oligomerization of 2-chloroallyl alcohol by 2-pyridinecarboxylate complex of chromium(III) - new highly active and selective catalyst. <i>Scientific Reports</i> , 2018, 8, 8632.	3.3	12
32	Conformation-dependent affinity of Cu(II) ions peptide complexes derived from the human Pin1 protein. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 1431-1443.	3.6	8
33	Structure and characterization of physicochemical and magnetic properties of new complex containing monobridged oxygen copper(II) dinuclear cation. <i>Polyhedron</i> , 2017, 127, 144-152.	2.2	5
34	Characterization and cytotoxic effect of aqua-(2,2'-nitritotriacetato)-oxo-vanadium salts on human osteosarcoma cells. <i>BioMetals</i> , 2017, 30, 261-275.	4.1	10
35	Structures, physicochemical and cytoprotective properties of new oxidovanadium(IV) complexes -[VO(mIDA)(dmbipy)]·1.5H ₂ O and [VO(IDA)(dmbipy)]·2H ₂ O. <i>Journal of Molecular Structure</i> , 2017, 1143, 515-525.	3.6	1
36	Structural characterization and biological properties of a new dinuclear oxidovanadium(IV) N-(phosphonomethyl)iminodiacetate complex with the 4-amino-2-methylquinolinium cation. <i>Polyhedron</i> , 2017, 133, 75-81.	2.2	3

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37	Method for detection of hydrogen peroxide in HT22 cells. <i>Scientific Reports</i> , 2017, 7, 45673.	3.3	9
38	Structure, Physicochemical and Biological Properties of an Aqua (2,2'-bipyridine)nitrotriacetato-oxidovanadium(IV) Salt with 4-Methylpyridinium Cation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 501-510.	1.2	3
39	Kinetics and thermodynamics of the reaction of iminodiacetate copper(II) complexes with 1,10-phenanthroline and 2,2'-bipyridine in aqueous, anionic, cationic and nonionic surfactants solutions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017, 122, 729-740.	1.7	3
40	Bonding interactions in oxydiacetate and thiodiacetate cobalt(II) and nickel(II) complexes. <i>Structural Chemistry</i> , 2017, 28, 1723-1730.	2.0	6
41	Stable cationic coordination polymers of the Cu(II)-vitamin B 6 type: Structural analysis, application abilities and physicochemical properties in the solid state and solutions. <i>Dyes and Pigments</i> , 2017, 136, 278-291.	3.7	4
42	Simultaneous determination of thermodynamic and kinetic parameters of aminopolycarbonate complexes of cobalt(II) and nickel(II) based on isothermal titration calorimetry data. <i>Journal of Molecular Recognition</i> , 2017, 30, e2589.	2.1	7
43	The development of 1,3-diphenylisobenzofuran as a highly selective probe for the detection and quantitative determination of hydrogen peroxide. <i>Free Radical Research</i> , 2017, 51, 38-46.	3.3	49
44	Probing the binding of Cu ²⁺ ions to a fragment of the A β 2 (1-42) polypeptide using fluorescence spectroscopy, isothermal titration calorimetry and molecular dynamics simulations. <i>Biophysical Chemistry</i> , 2016, 216, 44-50.	2.8	13
45	Influence of Primary Ligands (ODA, TDA) on Physicochemical and Biological Properties of Oxidovanadium (IV) Complexes with Bipy and Phen as Auxiliary Ligands. <i>Biological Trace Element Research</i> , 2016, 174, 251-258.	3.5	7
46	Fluorescent and Luminescent Probes for Monitoring Hydroxyl Radical under Biological Conditions. <i>Critical Reviews in Analytical Chemistry</i> , 2016, 46, 160-169.	3.5	19
47	Binding of Cu(II) ions to peptides studied by fluorescence spectroscopy and isothermal titration calorimetry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 451-456.	3.9	21
48	Fluorescent Probes Used for Detection of Hydrogen Peroxide under Biological Conditions. <i>Critical Reviews in Analytical Chemistry</i> , 2016, 46, 171-200.	3.5	44
49	Investigations of ternary complexes of Co(II) and Ni(II) with thiodiacetate anion and 1,10-phenanthroline or 2,2'-bipyridine in aqueous solutions. <i>Open Chemistry</i> , 2015, 13, .	1.9	1
50	Crystal Structure, Antioxidant Properties and Characteristics in Aqueous Solutions of the Oxidovanadium(IV) Complex [VO(ODA)phen] \cdot 2H ₂ O. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3343-3349.	2.0	23
51	The kinetics of substitution reaction of oxydiacetate and thiodiacetate copper(II) complexes with 1,10-phenanthroline and 2,2'-bipyridine. <i>Journal of Chemical Sciences</i> , 2015, 127, 1845-1852.	1.5	2
52	Physicochemical properties of ternary oxovanadium(IV) complexes with oxydiacetate and 1,10-phenanthroline or 2,2'-bipyridine. Cytoprotective activity in hippocampal neuronal HT22 cells. <i>BioMetals</i> , 2015, 28, 307-320.	4.1	23
53	Thermodynamical Studies of an Example Peptide Containing Metaaminobenzoic Acid (MABA) that Promotes Bends in Proteins. <i>Journal of Solution Chemistry</i> , 2015, 44, 223-236.	1.2	0
54	Structural, physico-chemical and antioxidant characteristics of 2,2'-bipyridyl(iminodiacetato)oxidovanadium(IV) dihydrate. <i>Polyhedron</i> , 2015, 100, 74-81.	2.2	24

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55	Thermodynamics of sodium dodecyl sulphate (SDS) micellization in the presence of some biologically relevant pH buffers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 121, 257-261.	3.6	22
56	Investigations of copper(II) complexation by fragments of the FBP28 protein using isothermal titration (ITC) and differential scanning calorimetry (DSC). <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 121, 263-268.	3.6	3
57	Physicochemical and Biological Properties of Oxovanadium(IV), Cobalt(II) and Nickel(II) Complexes with Oxydiacetate Anions. <i>Biological Trace Element Research</i> , 2015, 164, 139-149.	3.5	19
58	Spectrophotometric, potentiometric, and conductometric studies of binary complex formation between copper(II) and three forms of vitamin B ₆ in aqueous solutions. <i>Journal of Coordination Chemistry</i> , 2015, 68, 3761-3775.	2.2	6
59	Fluorescence quenching of 7-amino-4-methylcoumarin by different TEMPO derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 1875-1880.	3.9	23
60	Cis-[Cr(C ₂ O ₄)(pm)(OH ₂) ₂] ⁺ Coordination Ion as a Specific Sensing Ion for H ₂ O ₂ Detection in HT22 Cells. <i>Molecules</i> , 2014, 19, 8533-8543.	3.8	15
61	Kinetics of aquation of [Co(ODA)(H ₂ O) ₃] induced by Fe(III). <i>Open Chemistry</i> , 2014, 13, .	1.9	0
62	Coordination mode and reactivity of nickel(II) with vitamin B ₆ . <i>Journal of Coordination Chemistry</i> , 2014, 67, 2885-2897.	2.2	7
63	Thermal properties of [Co(en) ₂ Cl ₂]Cl in solid state. Cis \leftrightarrow trans isomerization of the [Co(en) ₂ Cl ₂] ⁺ complex ion in methanol. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 113, 321-331.	1.7	9
64	Trans \leftrightarrow cis isomerization of [(C ₆ H ₅) ₃ P] ₂ PtCl ₂ complex in dimethylformamide solutions. <i>Journal of Molecular Structure</i> , 2014, 1075, 620-624.	3.6	1
65	A Study of the Influence of Charged Residues on β -Hairpin Formation by Nuclear Magnetic Resonance and Molecular Dynamics. <i>Protein Journal</i> , 2014, 33, 525-535.	1.6	10
66	Analysis of Fluorescence Quenching of Coumarin Derivatives by 4-Hydroxy-TEMPO in Aqueous Solution. <i>Journal of Fluorescence</i> , 2014, 24, 713-718.	2.5	35
67	Investigations of ternary complexes of Co(II) and Ni(II) with oxydiacetate anion and 1,10-phenanthroline or 2,2'-bipyridine in solutions. <i>Open Chemistry</i> , 2014, 12, 107-114.	1.9	8
68	Preliminary studies on trigonelline as potential anti-Alzheimer disease agent: Determination by hydrophilic interaction liquid chromatography and modeling of interactions with beta-amyloid. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 968, 101-104.	2.3	33
69	Studies of conformational preferences of derivatives fragments of protein G (1IGD) using temperature dependent potentiometric titration methodology. <i>Journal of Chemical Thermodynamics</i> , 2014, 70, 88-94.	2.0	2
70	Fluorescence quenching of fluoroquinolone antibiotics by 4-hydroxy-TEMPO in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 887-891.	3.9	18
71	Platinum(II) and Palladium(II) Complex Compounds as Anti-cancer Drugs. Methods of Cytotoxicity Determination. <i>Current Pharmaceutical Analysis</i> , 2014, 10, 2-9.	0.6	26
72	Analytical Methods for Determination of Reactive Oxygen Species. <i>Current Pharmaceutical Analysis</i> , 2014, 10, 293-304.	0.6	22

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73	Kinetics of the reaction between 1,3-diphenylisobenzofuran and nitrogen dioxide studied by steady-state fluorescence. <i>Research on Chemical Intermediates</i> , 2013, 39, 3023-3031.	2.7	9
74	Potassium trans-[bis(oxalato)diaquacobaltate(II)] tetrahydrate: synthesis, structure, potentiometric and thermal studies. <i>Open Chemistry</i> , 2013, 11, 8-15.	1.9	6
75	Quenching of Fluorescence of Polycyclic Aromatic Hydrocarbons by 4-OH-TEMPO. <i>Analytical Letters</i> , 2013, 46, 349-355.	1.8	16
76	Electrochemical and Biological Studies on Reactivity of [VO(oda)(H ₂ O) ₂], [Co(oda)(H ₂ O) ₂]·H ₂ O, and [Ni(oda)(H ₂ O) ₃]·1.5H ₂ O Towards Superoxide Free Radicals. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1795-1799.	1.2	20
77	Analytical Methods for Determination of CO and CO ₂ and their Applicability in Biological Studies. <i>Current Pharmaceutical Analysis</i> , 2013, 9, 226-235.	0.6	2
78	Influence of the Length of the Alanine Spacer on the Acidic/Basic Properties of the Ac-Lys ⁿ (Ala) _n -Lys-NH ₂ Peptides (n=1, 2, 5). <i>Journal of Solution Chemistry</i> , 2012, 41, 1738-1746.	1.2	5
79	Thermal properties of potassium bis(oxalato)diaquochromates(III) in solid state. Trans/cis isomerization of the [Cr(C ₂ O ₄) ₂ (OH ₂) ₂] ⁻ complex ion in aqueous solutions. <i>Structural Chemistry</i> , 2012, 23, 333-340.	2.0	8
80	Thermodynamics of the Protonation Equilibria of Two Fragments of N-Terminal β^2 -Hairpin of FPB28 WW Domain. <i>Journal of Physical Chemistry B</i> , 2012, 116, 653-659.	2.6	4
81	Analytical Methods for Determination of \hat{A} -NO and \hat{A} -NO ₂ and their Applicability in Biological Studies. <i>Current Pharmaceutical Analysis</i> , 2012, 8, 115-134.	0.6	3
82	Like-charged residues at the ends of oligoalanine sequences might induce a chain reversal. <i>Biopolymers</i> , 2012, 97, 240-249.	2.4	8
83	Kinetic studies of aquation for oxalate in [Cr(C ₂ O ₄) ₂ (L)] ⁻ and [Cr(C ₂ O ₄)(L)(H ₂ O) ₂] ⁺ induced by Fe ³⁺ . <i>Journal of Coordination Chemistry</i> , 2011, 64, 2834-2847.	2.2	2
84	Stopped-Flow Spectrophotometric Study of the Kinetics and Mechanism of CO ₂ Uptake by cis-[Cr(C ₂ O ₄)(BaraNH ₂)(OH ₂) ₂] ⁺ Cation and the Acid-Catalyzed Decomposition of cis-[Cr(C ₂ O ₄)(BaraNH ₂)OCO ₂] ⁻ Anion in Aqueous Solution. <i>Molecules</i> , 2011, 16, 7746-7761.	3.8	3
85	Physicochemical characteristics of 2-, 3- and 4-methylpyridinium tetrachloroferrates(III). <i>Open Chemistry</i> , 2011, 9, 1096-1101.	1.9	1
86	Kinetic studies of acid-catalyzed hydrolysis of the cis-[Cr(oxalate)(pyridoxamine)CO ₃] ⁻ coordination anion. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2010, 100, 11.	1.7	0
87	A Novel Biosensor for Evaluation of Apoptotic or Necrotic Effects of Nitrogen Dioxide during Acute Pancreatitis in Rat. <i>Sensors</i> , 2010, 10, 280-291.	3.8	15
88	Conformational studies of alanine-rich peptide using CD and FTIR spectroscopy. <i>Journal of Peptide Science</i> , 2008, 14, 283-289.	1.4	59
89	Kinetics and Mechanism of Formation and Acid-Catalyzed Decomposition of the [Co(NH ₃) ₃ CO ₃] ⁺ Complex Cation in Aqueous Solution. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 137-141.	1.2	0
90	Acidic/basic properties of three alanine-based peptides containing acidic and basic side chains: Comparison between theory and experiment. <i>Biopolymers</i> , 2008, 90, 724-732.	2.4	18

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91	Influence of charge and size of terminal amino acid residues on local conformational states and shape of alanine-based peptides. <i>Biopolymers</i> , 2008, 90, 772-782.	2.4	18
92	Determination of protolytic equilibria for methyl 3-azido-6-iodo-2,3,6-trideoxy- α -D-arabino-hexopyranoside by ab initio and spectrophotometric methods. <i>Journal of Molecular Structure</i> , 2008, 892, 140-145.	3.6	0
93	Nitric Dioxide as Biologically Important Radical and its Role in Molecular Mechanism of Pancreatic Inflammation. <i>Current Pharmaceutical Analysis</i> , 2008, 4, 183-196.	0.6	11
94	Coordinate cis-[Cr(C ₂ O ₄)(pm)(OH ₂) ₂] ⁺ Cation as Molecular Biosensor of Pyruvate's Protective Activity Against Hydrogen Peroxide Mediated Cytotoxicity. <i>Sensors</i> , 2008, 8, 4487-4504.	3.8	11
95	Further Evidence for the Absence of Polyproline II Stretch in the XAO Peptide. <i>Biophysical Journal</i> , 2007, 92, 2904-2917.	0.5	51
96	Potentials of Mean Force of Two Hydrophobic Amino-Acid Side Chain Models Dependent on Orientation. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	1
97	Crystal structures of ethyl 3-azido-2,3-dideoxy-D-arabino-hexopyranoside anomers. <i>Carbohydrate Research</i> , 2007, 342, 1450-1455.	2.3	3
98	Basicity comparison for di-substituted 4-nitropyridine derivatives in polar non-aqueous media. <i>Journal of Chemical Thermodynamics</i> , 2007, 39, 1667-1674.	2.0	4
99	Bis(8-methylquinolinium) tetrabromidoferrate(III) bromide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m1727-m1728.	0.2	3
100	Stopped-flow Spectrophotometric Study on the Reaction between Carbon Dioxide and [Co(NH ₃) ₄ (H ₂ O) ₂] ²⁺ Overlooked. <i>Journal of Chemical Thermodynamics</i> , 2007, 39, 1493-1499.	1.2	3
101	A potentiometric study of (acid+base) equilibria in substituted 4-nitropyridine N-oxide systems in methanol and dimethyl sulfoxide. <i>Journal of Chemical Thermodynamics</i> , 2007, 39, 309-315.	2.0	4
102	Experimental and theoretical studies of solvent effects on the hydrogen bonds in homoconjugated cations of substituted 4-halo (Cl,Br) pyridine N-oxide derivatives. <i>Journal of Chemical Thermodynamics</i> , 2007, 39, 1272-1278.	2.0	4
103	Assessment of Two Theoretical Methods to Estimate Potentiometric Titration Curves of Peptides: A Comparison with Experiment. <i>Journal of Physical Chemistry B</i> , 2006, 110, 4451-4458.	2.6	16
104	Reactions of NO ₂ with chromium(III) complexes with histamine and pyridoxamine ligands studied by the stopped-flow technique. <i>Analytical Biochemistry</i> , 2006, 350, 256-262.	2.4	9
105	Potentiometric and ab initio studies of acid-base interactions of substituted 4-halo(Cl,Br)pyridine N-oxide systems. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 1584-1591.	2.0	8
106	A Stopped-flow Study on the Kinetics and Mechanism of CO ₂ Uptake by the cis-[Cr(1,10-phenanthroline) ₂ (OH ₂) ₂] ³⁺ Complex Ion. <i>Transition Metal Chemistry</i> , 2006, 31, 111-117.	1.4	3
107	Acid-catalyzed Hydrolysis of the cis-[Cr(1,10-phenanthroline) ₂ (O ₂ CO)] ⁺ Ion Studied by the u.v.-vis Stopped Flow Method. <i>Transition Metal Chemistry</i> , 2006, 31, 575-579.	1.4	2
108	Stopped-flow study of H ⁺ induced CO ₂ release from a non-peptide analogue of decarboxylase-substrate mimicking cis-[Cr(C ₂ O ₄)(AraNH ₂)(O ₂ CO)] ⁺ . <i>Transition Metal Chemistry</i> , 2006, 31, 1045-1051.	1.4	3

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109	Potentiometric studies of acid-base interactions in substituted 4-nitropyridine N-oxide systems. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 554-558.	2.0	4
110	Investigations of (acid+base) equilibria in systems modelling interactions occurring in biomolecules. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 599-605.	2.0	15
111	A potentiometric study of molecular heteroconjugation equilibria in (n-butylamine+acetic acid) systems in binary (acetonitrile +1,4-dioxane) solvent mixtures. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 606-610.	2.0	7
112	Polyproline II conformation is one of many local conformational states and is not an overall conformation of unfolded peptides and proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1744-1749.	7.1	156
113	Determination of the protonation and deprotonation centres for isomers of methyl 3-azido-2,3-dideoxyhexopyranosides. <i>Computational and Theoretical Chemistry</i> , 2005, 714, 1-6.	1.5	9
114	Ab initio study of the energetics of protonation and deprotonation of the methyl 3-amino-2,3-dideoxyhexopyranosides isomers. <i>Computational and Theoretical Chemistry</i> , 2005, 718, 87-92.	1.5	7
115	Theoretical studies on acid-base interactions in the substituted 4-nitropyridines and their N-oxides systems. <i>Computational and Theoretical Chemistry</i> , 2005, 731, 193-199.	1.5	3
116	Ab initio studies of acid-base reactions in the substituted 4-nitropyridine N-oxide systems. <i>Computational and Theoretical Chemistry</i> , 2005, 756, 1-9.	1.5	4
117	Crystal structure of methyl 3-amino-2,3-dideoxy- β -D-arabino-hexopyranoside. Stabilization of the crystal lattice by a double network of N-H \cdots O, O-H \cdots N and O-H \cdots O interactions. <i>Carbohydrate Research</i> , 2005, 340, 2201-2205.	3.4	8
118	Theoretical calculations of homoconjugation equilibrium constants in systems modeling acid-base interactions in side chains of biomolecules using the potential of mean force. <i>Journal of Computational Chemistry</i> , 2005, 26, 235-242.	3.3	8
119	Interplay of charge distribution and conformation in peptides: Comparison of theory and experiment. <i>Biopolymers</i> , 2005, 80, 214-224.	2.4	8
120	Potentiometric investigations of molecular heteroconjugation equilibria of substituted phenol+n-butylamine systems in dimethyl sulfoxide. <i>Journal of Chemical Thermodynamics</i> , 2005, 37, 778-782.	2.0	2
121	Potentiometric investigations of (acid+base) equilibria in (n-butylamine+acetic acid) systems in binary (acetone+cyclohexane) solvent mixtures. <i>Journal of Chemical Thermodynamics</i> , 2005, 37, 783-790.	2.0	3
122	A stopped-flow study on the kinetics and mechanism of CO ₂ uptake by chromium(III) complexes with histamine and pyridoxamine. <i>Transition Metal Chemistry</i> , 2005, 30, 209-216.	1.4	13
123	Pivotal participation of nitrogen dioxide in l-arginine induced acute necrotizing pancreatitis: protective role of superoxide scavenger 4-OH-TEMPO. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 313-320.	2.1	37
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126	Ab initio study of the energetics of molecular heteroconjugation reactions in systems modeling side chains of biomolecules. <i>Computational and Theoretical Chemistry</i> , 2004, 672, 183-190.	1.5	2

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127	Ab initio study of the energetics of protonation, deprotonation and homocomplexed cations and anions formation in systems modeling side chains of biomolecules. Computational and Theoretical Chemistry, 2004, 674, 61-67.	1.5	4
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