Lech ChmurzyÅ„ski

List of Publications by Year
in descending order

170	2,016	304743	395702
papers	citations	22 h-index	33 g-index

171	171	171	2047
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polyproline II conformation is one of many local conformational states and is not an overall conformation of unfolded peptides and proteins. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1744-1749.	7.1	156
2	Conformational studies of alanineâ€rich peptide using CD and FTIR spectroscopy. Journal of Peptide Science, 2008, 14, 283-289.	1.4	59
3	Further Evidence for the Absence of Polyproline II Stretch in the XAO Peptide. Biophysical Journal, 2007, 92, 2904-2917.	0.5	51
4	The development of 1,3-diphenylisobenzofuran as a highly selective probe for the detection and quantitative determination of hydrogen peroxide. Free Radical Research, 2017, 51, 38-46.	3.3	49
5	Ionic equilibria of pyridine N-oxide perchlorates in acetonitrile. Electrochimica Acta, 1990, 35, 665-671.	5.2	44
6	Fluorescent Probes Used for Detection of Hydrogen Peroxide under Biological Conditions. Critical Reviews in Analytical Chemistry, 2016, 46, 171-200.	3.5	44
7	Characterization of polymers based on differential scanning calorimetry based techniques. TrAC - Trends in Analytical Chemistry, 2019, 110, 51-56.	11.4	38
8	Pivotal participation of nitrogen dioxide in l-arginine induced acute necrotizing pancreatitis: protective role of superoxide scavenger 4-OH-TEMPO. Biochemical and Biophysical Research Communications, 2005, 326, 313-320.	2.1	37
9	The impact of environmental contamination on the generation of reactive oxygen and nitrogen species â€“ Consequences for plants and humans. Environment International, 2018, 119, 133-151.	10.0	36
10	Analysis of Fluorescence Quenching of Coumarin Derivatives by 4-Hydroxy-TEMPO in Aqueous Solution. Journal of Fluorescence, 2014, 24, 713-718.	2.5	35
11	Preliminary studies on trigonelline as potential anti-Alzheimer disease agent: Determination by hydrophilic interaction liquid chromatography and modeling of interactions with beta-amyloid. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 968, 101-104.	2.3	33
12	Acid-base equilibria of substituted pyridine N-oxides in methanol. Journal of Solution Chemistry, 1992, 21, 171-178.	1.2	31
13	A comparison of acid â€“ base properties of substituted pyridines and their N-oxides in propylene carbonate. Journal of Chemical Thermodynamics, 1998, 30, 713-722.	2.0	29
14	Ab Initio Study of Energetics of Protonation and Hydrogen Bonding of PyridineN-Oxide and Its Derivatives. Journal of Physical Chemistry A, 1999, 103, 11104-11108.	2.5	26
15	Platinum(II) and Palladium(II) Complex Compounds as Anti-cancer Drugs. Methods of Cytotoxicity Determination. Current Pharmaceutical Analysis, 2014, 10, 2-9.	0.6	26
16	Acidâ€“base and cationic homoconjugation equilibria in nitromethane solutions of substituted pyridine N-oxide systems. Journal of the Chemical Society, Faraday Transactions, 1991, 87, 1729-1732.	1.7	25
17	Ab Initio Study of the Energetics of Protonation and Homocomplexed Cation Formation in Systems with Pyridine and Its Derivatives. Journal of Physical Chemistry A, 2001, 105, 6743-6749.	2.5	24
18	Structural, physico-chemical and antioxidant characteristics of 2,2â€²-bipyridyl(iminodiacetato)oxidovanadium(IV) dihydrate. Polyhedron, 2015, 100, 74-81.	2.2	24

#	Article	IF	Citations
19	Crystal Structure, Antioxidant Properties and Characteristics in Aqueous Solutions of the Oxidovanadium(IV) Complex [VO(IDA)phen]Â·2H₂O. European Journal of Inorganic Chemistry, 2015, 2015, 3343-3349.	2.0	23
20	Physicochemical properties of ternary oxovanadium(IV) complexes with oxydiacetate and 1,10-phenanthroline or 2,2â€²-bipyridine. Cytoprotective activity in hippocampal neuronal HT22 cells. BioMetals, 2015, 28, 307-320.	4.1	23
21	Fluorescence quenching of 7-amino-4-methylcoumarin by different TEMPO derivatives. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 1875-1880.	3.9	23
22	Acidâ€“base and cationic homoconjugation equilibria of substituted pyridine N-oxides in acetone. Journal of the Chemical Society, Faraday Transactions, 1991, 87, 3853-3856.	1.7	22
23	Thermodynamics of sodium dodecyl sulphate (SDS) micellization in the presence of some biologically relevant pH buffers. Journal of Thermal Analysis and Calorimetry, 2015, 121, 257-261.	3.6	22
24	Analytical Methods for Determination of Reactive Oxygen Species. Current Pharmaceutical Analysis, 2014, 10, 293-304.	0.6	22
25	Experimental and Theoretical Studies of Acidâ^'Base Equilibria of Substituted 4-Nitropyridine N-Oxides. Journal of Physical Chemistry A, 2003, 107, 6293-6300.	2.5	21
26	Binding of Cu(II) ions to peptides studied by fluorescence spectroscopy and isothermal titration calorimetry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 451-456.	3.9	21
27	A potentiometric study of acidâ€“base properties of the (phenol+phenolate) systems in acetonitrile and, (acetonitrile+cyclohexane) solvent system. Journal of Chemical Thermodynamics, 2003, 35, 77-89.	2.0	20
28	Electrochemical and Biological Studies on Reactivity of [VO(oda)(H2O)2], [Co(oda)(H2O)2]Â·H2O, and [Ni(oda)Â(H2O)3]Â·1.5H2O Towards Superoxide Free Radicals. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1795-1799.	1.2	20
29	Ionic equilibria in acetonitrile solutions of 2-, 3- and 4-picoline N-oxide perchlorates, studied by potentiometry and conductometry. Journal of the Chemical Society Faraday Transactions I, 1989, 85, 4269.	1.0	19
30	Physicochemical and Biological Properties of Oxovanadium(IV), Cobalt(II) and Nickel(II) Complexes with Oxydiacetate Anions. Biological Trace Element Research, 2015, 164, 139-149.	3.5	19
31	Fluorescent and Luminescent Probes for Monitoring Hydroxyl Radical under Biological Conditions. Critical Reviews in Analytical Chemistry, 2016, 46, 160-169.	3.5	19
32	New type of highly active chromium(III) catalysts containing both organic cations and anions designed for polymerization of beta-olefin derivatives. Scientific Reports, 2018, 8, 2315.	3.3	19
33	Acidicâ€basic properties of three alanineâ€based peptides containing acidic and basic side chains: Comparison between theory and experiment. Biopolymers, 2008, 90, 724-732.	2.4	18
34	Influence of charge and size of terminal aminoâ€acid residues on local conformational states and shape of alanineâ€based peptides. Biopolymers, 2008, 90, 772-782.	2.4	18
35	Fluorescence quenching of fluoroquinolone antibiotics by 4-hydroxy-TEMPO in aqueous solution. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 133, 887-891.	3.9	18
36	Relationship between the Electronic Structure and Acidic-Basic Properties of 4-Substituted Pyridine N-Oxides. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1989, 44, 1263-1270.	0.7	17

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37	A review of new approaches to analytical methods to determine the structure and morphology of polymers. TrAC - Trends in Analytical Chemistry, 2019, 118, 470-476.	11.4	17
38	Assessment of Two Theoretical Methods to Estimate Potentiometric Titration Curves of Peptides:Â Comparison with Experiment. Journal of Physical Chemistry B, 2006, 110, 4451-4458.	2.6	16
39	Quenching of Fluorescence of Polycyclic Aromatic Hydrocarbons by 4-OH-TEMPO. Analytical Letters, 2013, 46, 349-355.	1.8	16
40	Theoretical Calculations of Heteroconjugation Equilibrium Constants in Systems Modeling Acidâ^'Base Interactions in Side Chains of Biomolecules Using the Potential of Mean Force. Journal of Physical Chemistry B, 2004, 108, 12222-12230.	2.6	15
41	Investigations of (acid+base) equilibria in systems modelling interactions occurring in biomolecules. Journal of Chemical Thermodynamics, 2006, 38, 599-605.	2.0	15
42	A Novel Biosensor for Evaluation of Apoptotic or Necrotic Effects of Nitrogen Dioxide during Acute Pancreatitis in Rat. Sensors, 2010, 10, 280-291.	3.8	15
43	Cis-[Cr(C2O4)(pm)(OH2)2]+ Coordination Ion as a Specific Sensing Ion for H2O2 Detection in HT22 Cells. Molecules, 2014, 19, 8533-8543.	3.8	15
44	MALDI-MS for polymer characterization â€“ Recent developments and future prospects. TrAC - Trends in Analytical Chemistry, 2019, 115, 121-128.	11.4	15
45	A Pentapeptide with Tyrosine Moiety as Fluorescent Chemosensor for Selective Nanomolar-Level Detection of Copper(II) Ions. International Journal of Molecular Sciences, 2020, 21, 743.	4.1	15
46	A study of cationic heteroconjugation equilibria of substituted pyridine N-oxides in acetonitrile. Analytica Chimica Acta, 1997, 338, 261-267.	5.4	14
47	Kinetics and mechanisms of the CO2 and SO2 uptake by coordinate ion, cis-[Cr(C2O4)(Lâ€“L)(OH2)2]+ {(Lâ€“L)=methyl 3-amino-2,3-dideoxy-Î±-d-arabino-hexopyranoside} as studied by stopped-flow spectrophotometry. Inorganica Chimica Acta, 2004, 357, 4467-4475.	2.4	14
48	The influence of the type of substituents and the solvent on the interactions between different coumarins and selected TEMPO analogues â€“ Fluorescence quenching studies. Chemical Physics, 2018, 513, 188-194.	1.9	14
49	The basicity of pyridine and its tendency towards cationic homoconjugation in nonâ€aqueous media. Journal of Heterocyclic Chemistry, 2000, 37, 71-74.	2.6	13
50	X-ray and conformational analysis of methyl 3-amino-2,3-dideoxy-Î±-d-arabino-hexopyranoside. Carbohydrate Research, 2004, 339, 1195-1199.	2.3	13
51	A stopped-flow study on the kinetics and mechanism of CO2 uptake by chromium(III) complexes with histamine and pyridoxamine. Transition Metal Chemistry, 2005, 30, 209-216.	1.4	13
52	Probing the binding of Cu 2+ ions to a fragment of the AÎ² (1â€“42) polypeptide using fluorescence spectroscopy, isothermal titration calorimetry and molecular dynamics simulations. Biophysical Chemistry, 2016, 216, 44-50.	2.8	13
53	Copper(II) complexation by fragment of central part of FBP28 protein from Mus musculus. Biophysical Chemistry, 2018, 241, 55-60.	2.8	13
54	Antimicrobial, cytotoxic, and antioxidant activities and physicochemical characteristics of chromium(III) complexes with picolinate, dipicolinate, oxalate, 2,2â€²-bipyridine, and 4,4â€²-dimethoxy-2,2â€²-bipyridine as ligands in aqueous solutions. Journal of Molecular Liquids, 2019, 282, 441-447.	4.9	13

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55	UV-spectroscopic study of the influence of traces of water on the protolytic equilibria of substituted pyridine N-oxides in aprotic solvents. Journal of Solution Chemistry, 1990, 19, 1113-1124.	1.2	12
56	Acidity constants of 19 protonated N-bases in cyclohexanone, acetone, and butan-2-one. Journal of Chemical Thermodynamics, 1991, 23, 135-140.	2.0	12
57	Potentiometric studies of cationic heteroconjugation equilibria in systems involving free and protonated pyridine derivatives in dimethyl sulfoxide. Journal of Chemical Thermodynamics, 2002, 34, 391-400.	2.0	12
58	Ab Initio Studies on Acidâ^'Base Equilibria of Substituted Phenols. Journal of Physical Chemistry A, 2004, 108, 10354-10358.	2.5	12
59	Oligomerization of 2-chloroallyl alcohol by 2-pyridinecarboxylate complex of chromium(III) - new highly active and selective catalyst. Scientific Reports, 2018, 8, 8632.	3.3	12
60	Fluorescence Quenching Studies on the Interactions between Chosen Fluoroquinolones and Selected Stable TEMPO and PROXYL Nitroxides. International Journal of Molecular Sciences, 2021, 22, 885.	4.1	12
61	A potentiometric study of cationic heteroconjugation equilibria in nitromethane andN,N-dimethylformamide. Journal of Chemical Thermodynamics, 2000, 32, 901-910.	2.0	11
62	The Azatriquinenamine Trimerâ€"A Novel Proton Chelate Azatriquinanes, Part 3. This work was financially supported by the University of Nottingham and the Polish State Committee for Scientific Research (grant DS/8231-4-0097-1). We also thank the EPSRC National Crystallography Service, University of Southampton, for data collection. Part 2: Ref [4].. Angewandte Chemie - International Edition, 2001, 40, 3696.	13.8	11
63	Potentiometric investigation of acid dissociation and anionic homoconjugation equilibria of substituted phenols in dimethyl sulfoxide. Journal of Chemical Thermodynamics, 2003, 35, 1645-1655.	2.0	11
64	Nitric Dioxide as Biologically Important Radical and its Role in Molecular Mechanism of Pancreatic Inflammation. Current Pharmaceutical Analysis, 2008, 4, 183-196.	0.6	11
65	Coordinate cis-[Cr(C2O4)(pm)(OH2)2]+ Cation as Molecular Biosensor of Pyruvateâ€™s Protective Activity Against Hydrogen Peroxide Mediated Cytotoxity. Sensors, 2008, 8, 4487-4504.	3.8	11
66	Antioxidant and Cytoprotective Activity of Oxydiacetate Complexes of Cobalt(II) and Nickel(II) with 1,10-Phenantroline and 2,2â€²-Bipyridine. Biological Trace Element Research, 2018, 185, 244-251.	3.5	11
67	Geometric isomerism effect on catalytic activities of bis(oxalato)diaquochromates(III) for 2-chloroallyl alcohol oligomerization. Journal of Chemical Sciences, 2018, 130, 1.	1.5	11
68	Dihydroxy-Substituted Coumarins as Fluorescent Probes for Nanomolar-Level Detection of the 4-Amino-TEMPO Spin Label. International Journal of Molecular Sciences, 2019, 20, 3802.	4.1	11
69	The effect of vanadium(IV) complexes on development of Arabidopsis thaliana subjected to H2O2-induced stress. Functional Plant Biology, 2019, 46, 942.	2.1	11
70	Probing the binding selected metal ions and biologically active substances to the antimicrobial peptide LL-37 using DSC, ITC measurements and calculations. Journal of Thermal Analysis and Calorimetry, 2019, 138, 4523-4529.	3.6	11
71	On the Effect of pH, Temperature, and Surfactant Structure on Bovine Serum Albuminâ€"Cationic/Anionic/Nonionic Surfactants Interactions in Cacodylate Bufferâ€"Fluorescence Quenching Studies Supported by UV Spectrophotometry and CD Spectroscopy. International Journal of Molecular Sciences, 2022, 23, 41.	4.1	11
72	Base Equilibria of Substituted Pyridines in Nitromethane. Journal of Solution Chemistry, 2000, 29, 837-846.	1.2	10

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73	A Study of the Influence of Charged Residues on Î²-Hairpin Formation by Nuclear Magnetic Resonance and Molecular Dynamics. Protein Journal, 2014, 33, 525-535.	1.6	10
74	Characterization and cytotoxic effect of aqua-(2,2â€²,2â€²â€²-nitrilotriacetato)-oxo-vanadium salts on human osteosarcoma cells. BioMetals, 2017, 30, 261-275.	4.1	10
75	Iminodiacetate complex of cobalt(II) â€“ Structure, physicochemical characteristics, biological properties and catalytic activity for 2-chloro-2-propen-1-ol oligomerization. Polyhedron, 2020, 175, 114168.	2.2	10
76	Modification of DNA structure by reactive nitrogen species as a result of 2-methoxyestradiolâ€“induced neuronal nitric oxide synthase uncoupling in metastatic osteosarcoma cells. Redox Biology, 2020, 32, 101522.	9.0	10
77	Physicochemical nature of sodium dodecyl sulfate interactions with bovine serum albumin revealed by interdisciplinary approaches. Journal of Molecular Liquids, 2021, 340, 117185.	4.9	10
78	Determination of the protonation and deprotonation centres for isomers of methyl 3-azido-2,3-dideoxyhexopyranosides. Computational and Theoretical Chemistry, 2005, 714, 1-6.	1.5	9
79	Reactions of NO2 with chromium(III) complexes with histamine and pyridoxamine ligands studied by the stopped-flow technique. Analytical Biochemistry, 2006, 350, 256-262.	2.4	9
80	Kinetics of the reaction between 1,3-diphenylisobenzofuran and nitrogen dioxide studied by steady-state fluorescence. Research on Chemical Intermediates, 2013, 39, 3023-3031.	2.7	9
81	Thermal properties of [Co(en)2Cl2]Cl in solid state. Cisâ€“trans isomerization of the [Co(en)2Cl2]+ complex ion in methanol. Reaction Kinetics, Mechanisms and Catalysis, 2014, 113, 321-331.	1.7	9
82	Method for detection of hydrogen peroxide in HT22 cells. Scientific Reports, 2017, 7, 45673.	3.3	9
83	Formation of 2-chloroallyl alcohol oligomers using a new crystalline dipicolinate complex of Cr(III) as a catalyst. Journal of Catalysis, 2019, 375, 287-293.	6.2	9
84	Ab Initio Study of Energetics of Cationic Heteroconjugation in Pyridine N-Oxide and Its Derivatives Systems. Journal of Physical Chemistry A, 2001, 105, 7381-7390.	2.5	8
85	Crystal structure of methyl 3-amino-2,3-dideoxy-Î²-d-arabino-hexopyranoside. Stabilization of the crystal lattice by a double network of Nâ€“Hâ‹¯O, Oâ€“Hâ‹¯N and Oâ€“Hâ‹¯O interactions. Carbohydrate Research, 2005, 340, 2201-2205.	2.0	8
86	Theoretical calculations of homoconjugation equilibrium constants in systems modeling acid-base interactions in side chains of biomolecules using the potential of mean force. Journal of Computational Chemistry, 2005, 26, 235-242.	3.3	8
87	Interplay of charge distribution and conformation in peptides: Comparison of theory and experiment. Biopolymers, 2005, 80, 214-224.	2.4	8
88	Potentiometric and ab initio studies of acidâ€“base interactions of substituted 4-halo(Cl,Br)pyridine N-oxide systems. Journal of Chemical Thermodynamics, 2006, 38, 1584-1591.	2.0	8
89	Thermal properties of potassium bis(oxalato)diaquochromates(III) in solid state. Transâ€“cis isomerization of the [Cr(C2O4)2(OH2)2]â^' complex ion in aqueous solutions. Structural Chemistry, 2012, 23, 333-340.	2.0	8
90	Likeâ€charged residues at the ends of oligoalanine sequences might induce a chain reversal. Biopolymers, 2012, 97, 240-249.	2.4	8

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91	Investigations of ternary complexes of Co(II) and Ni(II) with oxydiacetate anion and 1,10-phenanthroline or 2,2â€²-bipyridine in solutions. Open Chemistry, 2014, 12, 107-114.	1.9	8
92	Conformation-dependent affinity of Cu(II) ions peptide complexes derived from the human Pin1 protein. Journal of Thermal Analysis and Calorimetry, 2017, 127, 1431-1443.	3.6	8
93	A potentiometric study of acidâ€“base equilibria of trimethylamineN-oxide systems in non-aqueous media. Journal of Chemical Thermodynamics, 1998, 30, 27-35.	2.0	7
94	A study of the tendency of organic bases towards cationic heteroconjugation in polar non-aqueous solvents. Perkin Transactions II RSC, 2001, , 1844-1849.	1.1	7
95	Ab initio study of the energetics of protonation and deprotonation of the methyl 3-amino-2,3-dideoxyhexopyranosides isomers. Computational and Theoretical Chemistry, 2005, 718, 87-92.	1.5	7
96	A potentiometric study of molecular heteroconjugation equilibria in (n-butylamine+acetic acid) systems in binary (acetonitrile +1,4-dioxane) solvent mixtures. Journal of Chemical Thermodynamics, 2006, 38, 606-610.	2.0	7
97	Coordination mode and reactivity of nickel(II) with vitamin B6. Journal of Coordination Chemistry, 2014, 67, 2885-2897.	2.2	7
98	Influence of Primary Ligands (ODA, TDA) on Physicochemical and Biological Properties of Oxidovanadium (IV) Complexes with Bipy and Phen as Auxiliary Ligands. Biological Trace Element Research, 2016, 174, 251-258.	3.5	7
99	Simultaneous determination of thermodynamic and kinetic parameters of aminopolycarbonate complexes of cobalt(II) and nickel(II) based on isothermal titration calorimetry data. Journal of Molecular Recognition, 2017, 30, e2589.	2.1	7
100	Effect of Tetraphenylborate on Physicochemical Properties of Bovine Serum Albumin. Molecules, 2021, 26, 6565.	3.8	7
101	Potassium trans-[bis(oxalato)diaquacobaltate(II)] tetrahydrate: synthesis, structure, potentiometric and thermal studies. Open Chemistry, 2013, 11, 8-15.	1.9	6
102	Spectrophotometric, potentiometric, and conductometric studies of binary complex formation between copper(II) and three forms of vitamin B₆ in aqueous solutions. Journal of Coordination Chemistry, 2015, 68, 3761-3775.	2.2	6
103	Bonding interactions in oxydiacetate and thiodiacetate cobalt(II) and nickel(II) complexes. Structural Chemistry, 2017, 28, 1723-1730.	2.0	6
104	Simple methods for the estimation of ionization constants of substituted pyridine N-oxides in polar aprotic solvents and water. Journal of Solution Chemistry, 1991, 20, 731-738.	1.2	5
105	Cationic Heteroconjugation Equilibria in Systems with Heterocyclic N Â–Oxides in NonÂ–Aqueous Media. Molecules, 1997, 1, 99-105.	3.8	5
106	A potentiometric study of the (OHO)+-type cationic heteroconjugation equilibria in propylene carbonate. Journal of Molecular Structure, 1998, 448, 185-189.	3.6	5
107	A Study of Acid-Base Equilibria in Acetonitrile Systems of 2-Halo(Cl,Br,I)-4-nitropicoline(3,5,6) N-oxides. Molecules, 1999, 4, 94-103.	3.8	5
108	Influence of the Length of the Alanine Spacer on the Acidicâ€“Basic Properties of the Acâ€“Lysâ€“(Ala) n â€“Lysâ€“NH2 Peptides (nÂ=Â0, 1, 2, â€¦, 5). Journal of Solution Chemistry, 2012, 41, 1738-1746.	1.2	5

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109	Structure and characterization of physicochemical and magnetic properties of new complex containing monobridged oxygen copper(II) dinuclear cation. Polyhedron, 2017, 127, 144-152.	2.2	5
110	Proton transfer and heteroconjugation of ammonium ions with N-bases in cyclohexanone, propanone, and butan-2-one. Journal of Chemical Thermodynamics, 1994, 26, 483-492.	2.0	4
111	Theoretical study of the role of hydrogen bonding and proton transfer in oxygen reduction by semiquinones. Computational and Theoretical Chemistry, 1997, 398-399, 445-449.	1.5	4
112	Title is missing!. Journal of Solution Chemistry, 1998, 27, 463-472.	1.2	4
113	Temperature dependence of the acidâ€“base equilibrium constants of substituted pyridine N-oxides in acetonitrile. Journal of Molecular Structure, 1999, 477, 113-118.	3.6	4
114	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
115	Ab initio studies of acidâ€“base reactions in the substituted 4-nitropyridine N-oxide systems. Computational and Theoretical Chemistry, 2005, 756, 1-9.	1.5	4
116	Potentiometric studies of acidâ€“base interactions in substituted 4-nitropyridine N-oxide systems. Journal of Chemical Thermodynamics, 2006, 38, 554-558.	2.0	4
117	Basicity comparison for di-substituted 4-nitropyridine derivatives in polar non-aqueous media. Journal of Chemical Thermodynamics, 2007, 39, 1667-1674.	2.0	4
118	A potentiometric study of (acid+base) equilibria in substituted 4-nitropyridine N-oxide systems in methanol and dimethyl sulfoxide. Journal of Chemical Thermodynamics, 2007, 39, 309-315.	2.0	4
119	Experimental and theoretical studies of solvent effects on the hydrogen bonds in homoconjugated cations of substituted 4-halo (Cl,Br) pyridine N-oxide derivatives. Journal of Chemical Thermodynamics, 2007, 39, 1272-1278.	2.0	4
120	Thermodynamics of the Protonation Equilibria of Two Fragments of N-Terminal Î²-Hairpin of FPB28 WW Domain. Journal of Physical Chemistry B, 2012, 116, 653-659.	2.6	4
121	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. Dyes and Pigments, 2017, 136, 278-291.	3.7	4
122	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. Journal of Chemical Thermodynamics, 2019, 128, 336-343.	2.0	4
123	Notizen: A CNDO/2 Study of the Homoconjugation Energies of 4-Substituted Pyridine N-Oxides. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1990, 45, 717-718.	0.7	3
124	INTERACTION BETWEEN TRINUCLEAR OXOCENTRED COORDINATION COMPOUNDS OF TRANSITION METALS AND ORGANIC SOLVENTS1. Journal of Coordination Chemistry, 1993, 28, 271-278.	2.2	3
125	Experimental Studies on the UV-Spectra of Several Substituted Pyridine N-Oxides and Conjugated Cationic Acids in Acetonitrile. Molecules, 1997, 2, 169-175.	3.8	3
126	Direct determination of pK_a values of cationic acids conjugated to heterocyclic amine Nâ€oxides in polar aprotic and amphiprotic solvents. Journal of Heterocyclic Chemistry, 1997, 34, 215-219.	2.6	3

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127	A study of energetics of formation of heterocomplexed cations of trimethylamine N-oxide by using ab initio methods. Computational and Theoretical Chemistry, 2001, 544, 159-171.	1.5	3
128	Theoretical studies on acid-base interactions in the substituted 4-nitropyridines and their N-oxides systems. Computational and Theoretical Chemistry, 2005, 731, 193-199.	1.5	3
129	Potentiometric investigations of (acid+base) equilibria in (n-butylamine+acetic acid) systems in binary (acetone+cyclohexane) solvent mixtures. Journal of Chemical Thermodynamics, 2005, 37, 783-790.	2.0	3
130	A Stopped-flow Study on the Kinetics and Mechanism of CO2 Uptake by the cis-[Cr(1,10-phenanthroline)2(OH2)2]3+ Complex Ion. Transition Metal Chemistry, 2006, 31, 111-117.	1.4	3
131	Stopped-flow study of H+ induced CO2 release from a non-peptide analogue of decarboxylase-substrate mimicking cis-[Cr(C2O4)(AaraNH2)(O2CO)]â^'. Transition Metal Chemistry, 2006, 31, 1045-1051.	1.4	3
132	Crystal structures of ethyl 3-azido-2,3-dideoxy-d-arabino-hexopyranoside anomers. Carbohydrate Research, 2007, 342, 1450-1455.	2.3	3
133	Bis(8-methylquinolinium) tetrabromidoferrate(III) bromide. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m1727-m1728.	0.2	3
134	Stoppedâ€flow Spectrophotometric Study on the Reaction between Carbon Dioxide and [Co(NH 3) 4 (H 2) Tj ETQq0 0 0 rgBT /Overlock 1493-1499.	1.2	3
135	Stopped-Flow Spectrophotometric Study of the Kinetics and Mechanism of CO2 Uptake by cis-[Cr(C2O4)(BaraNH2)(OH2)2]+ Cation and the Acid-Catalyzed Decomposition of cis-[Cr(C2O4)(BaraNH2)OCO2]â^' Anion in Aqueous Solution. Molecules, 2011, 16, 7746-7761.	3.8	3
136	Analytical Methods for Determination of Â·NO and Â·NO2 and their Applicability in Biological Studies. Current Pharmaceutical Analysis, 2012, 8, 115-134.	0.6	3
137	Investigations of copper(II) complexation by fragments of the FBP28 protein using isothermal titration (ITC) and differential scanning calorimetry (DSC). Journal of Thermal Analysis and Calorimetry, 2015, 121, 263-268.	3.6	3
138	Structural characterization and biological properties of a new dinuclear oxidovanadium(IV) N -(phosphonomethyl)iminodiacetate complex with the 4-amino-2-methylquinolinium cation. Polyhedron, 2017, 133, 75-81.	2.2	3
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