

Bla Noszl

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9047407/bela-noszl-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

162
papers

3,275
citations

33
h-index

47
g-index

165
ext. papers

3,530
ext. citations

3.7
avg, IF

5.21
L-index

#	Paper	IF	Citations
162	β-Cyclodextrin complex formation and protonation equilibria of morphine and other opioid compounds of therapeutic interest.. <i>European Journal of Pharmaceutical Sciences</i> , 2022 , 171, 106120	5.1	1
161	Close correlation between thiolate basicity and certain NMR parameters in cysteine and cystine microspecies.. <i>PLoS ONE</i> , 2022 , 17, e0264866	3.7	0
160	Tissue-Specific Accumulation and Isomerization of Valuable Phenylethanoid Glycosides from and Plants. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
159	Solution Structure and Acid-Base Properties of Reduced β-Conotoxin M1. <i>Chemistry and Biodiversity</i> , 2021 , 18, e2100464	2.5	0
158	Physicochemical Properties of Zwitterionic Drugs in Therapy. <i>ChemMedChem</i> , 2020 , 15, 1102-1110	3.7	7
157	Species-Specific, pH-Independent, Standard Redox Potential of Selenocysteine and Selenocysteamine. <i>Antioxidants</i> , 2020 , 9,	7.1	3
156	The species-specific acid-base and multinuclear magnetic resonance properties of selenocysteamine, selenocysteine, and their homodiselenides. <i>Chemical Physics Letters</i> , 2020 , 741, 1370765	7.5	3
155	Reversed-phase HPLC enantioseparation of pantoprazole using a teicoplanin aglycone stationary phase-Determination of the enantiomer elution order using HPLC-CD analyses. <i>Chirality</i> , 2020 , 32, 158-167	12.7	9
154	Physicochemical Profiling of Baicalin Along with the Development and Characterization of Cyclodextrin Inclusion Complexes. <i>AAPS PharmSciTech</i> , 2019 , 20, 314	3.9	22
153	Characterization of the species-specific acid-base equilibria of adrenaline and noradrenaline. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 170, 215-219	3.5	2
152	Chiral separation of lansoprazole and rabeprazole by capillary electrophoresis using dual cyclodextrin systems. <i>Electrophoresis</i> , 2019 , 40, 2799-2805	3.6	16
151	Advances in the Physicochemical Profiling of Opioid Compounds of Therapeutic Interest. <i>ChemistryOpen</i> , 2019 , 8, 879-887	2.3	11
150	Characterization of the Site-Specific Acid-Base Equilibria of 3-Nitrotyrosine. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1900358	2.5	1
149	Galls of European Fraxinus trees as new and abundant sources of valuable phenylethanoid and coumarin glycosides. <i>Industrial Crops and Products</i> , 2019 , 139, 111517	5.9	6
148	Chiral separation of rasagiline using sulfobutylether-β-cyclodextrin: capillary electrophoresis, NMR and molecular modeling study. <i>Electrophoresis</i> , 2019 , 40, 1897-1903	3.6	14
147	Phenolic composition, antioxidant and antinociceptive activities of L. bark and leaf extracts. <i>Natural Product Research</i> , 2019 , 33, 1664-1669	2.3	8
146	Chemodiversity of Cirsium fruits: Antiproliferative lignans, neolignans and sesquieolignans as chemotaxonomic markers. <i>Fitoterapia</i> , 2018 , 127, 413-419	3.2	4

145	Enantioseparation of racecadotril using polysaccharide-type chiral stationary phases in polar organic mode. <i>Chirality</i> , 2018 , 30, 95-105	2.1	13
144	Dopamine: Acid-base properties and membrane penetration capacity. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 158, 346-350	3.5	6
143	Determination of pH-independent rate constants of thiolate-disulfide redox transitions. <i>New Journal of Chemistry</i> , 2018 , 42, 11653-11659	3.6	2
142	Chiral separation of lenalidomide by liquid chromatography on polysaccharide-type stationary phases and by capillary electrophoresis using cyclodextrin selectors. <i>Journal of Separation Science</i> , 2018 , 41, 1414-1423	3.4	27
141	NMR-Based Determination of pH, Free of Electrodes and Reference Compounds. <i>Analytical Chemistry</i> , 2018 , 90, 12075-12080	7.8	3
140	Population, basicity and partition of short-lived conformers. Characterization of baclofen and pregabalin, the biaxial, doubly rotating drug molecules. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 123, 327-334	5.1	1
139	Validated capillary electrophoretic method for the enantiomeric quality control of R-praziquantel. <i>Electrophoresis</i> , 2017 , 38, 1886-1894	3.6	11
138	The small molecule AUTEN-99 (autophagy enhancer-99) prevents the progression of neurodegenerative symptoms. <i>Scientific Reports</i> , 2017 , 7, 42014	4.9	23
137	New opioid receptor antagonist: Naltrexone-14-O-sulfate synthesis and pharmacology. <i>European Journal of Pharmacology</i> , 2017 , 809, 111-121	5.3	4
136	Passive Membrane Penetration of the Serotonin Precursor 5-Hydroxytryptophan is Controlled by Its Zwitterion. <i>Chemistry and Biodiversity</i> , 2017 , 14, e1700162	2.5	1
135	Optimized conversion of antiproliferative lignans pinoresinol and epipinoresinol: Their simultaneous isolation and identification by centrifugal partition chromatography and high performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1052, 142-149	3.2	3
134	Cyclodextrin complexation improves aqueous solubility of the antiepileptic drug, rufinamide: solution and solid state characterization of compound-cyclodextrin binary systems. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2017 , 88, 43-52	1.7	4
133	Biorelevant physicochemical profiling of (E)- and (Z)-resveratrol determined from isomeric mixtures. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 138, 322-329	3.5	10
132	Physico-chemical profiling of semisynthetic opioids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 135, 97-105	3.5	9
131	Physicochemical and Pharmacological Characterization of Permanently Charged Opioids. <i>Current Medicinal Chemistry</i> , 2017 , 24, 3633-3648	4.3	6
130	Site- and species-specific hydrolysis rates of cocaine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 145, 372-378	3.5	1
129	Physicochemical Characterization and Cyclodextrin Complexation of the Anticancer Drug Lapatinib. <i>Journal of Chemistry</i> , 2017 , 2017, 1-9	2.3	9
128	Species-Specific Standard Redox Potential of Thiol-Disulfide Systems: A Key Parameter to Develop Agents against Oxidative Stress. <i>Scientific Reports</i> , 2016 , 6, 37596	4.9	36

127	Chiral Separation of Uncharged Pomalidomide Enantiomers Using Carboxymethyl- β -Cyclodextrin: A Validated Capillary Electrophoretic Method. <i>Chirality</i> , 2016 , 28, 199-203	2.1	16
126	Site- and species-specific hydrolysis rates of heroin. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 89, 105-14	5.1	3
125	Physicochemical characterisation and cyclodextrin complexation of erlotinib. <i>Supramolecular Chemistry</i> , 2016 , 28, 656-664	1.8	8
124	Advances in microspeciation of drugs and biomolecules: Species-specific concentrations, acid-base properties and related parameters. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 130, 390-403	3.5	22
123	Protonation and β -cyclodextrin complex formation equilibria of fluconazole. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016 , 84, 189-196	1.7	12
122	Species-specific thiol-disulfide equilibrium constants of ovoidiol A and penicillamine with glutathione. <i>RSC Advances</i> , 2016 , 6, 26757-26764	3.7	9
121	Chiral separation of asenapine enantiomers by capillary electrophoresis and characterization of cyclodextrin complexes by NMR spectroscopy, mass spectrometry and molecular modeling. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 117, 398-404	3.5	42
120	Enzyme-hydrolyzed Fruit of <i>Jurinea mollis</i> : A Rich Source of (-)-(8R,8?R)-Arctigenin. <i>Natural Product Communications</i> , 2016 , 11, 1934578X1601101	0.9	2
119	Physicochemical Profiling of β -Lipoic Acid and Related Compounds. <i>Chemistry and Biodiversity</i> , 2016 , 13, 861-9	2.5	
118	Liquid chromatography with mass spectrometry enantioseparation of pomalidomide on cyclodextrin-bonded chiral stationary phases and the elucidation of the chiral recognition mechanisms by NMR spectroscopy and molecular modeling. <i>Journal of Separation Science</i> , 2016 , 39, 2941-9	3.4	18
117	Characterization of antioxidant phenolics in <i>Syringa vulgaris</i> L. flowers and fruits by HPLC-DAD-ESI-MS. <i>Biomedical Chromatography</i> , 2016 , 30, 923-32	1.7	30
116	Stereoselective interactions and liquid chromatographic enantioseparation of thalidomide on cyclodextrin-bonded stationary phases. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016 , 85, 227-236	1.7	18
115	Species-Specific Thiol-Disulfide Equilibrium Constant: A Tool To Characterize Redox Transitions of Biological Importance. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 10191-7	3.4	8
114	Species-specific lipophilicity of morphine antagonists. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 78, 1-7	5.1	12
113	Endogenous enzyme-hydrolyzed fruit of <i>Cirsium brachycephalum</i> : optimal source of the antiproliferative lignan trachelogenin regulating the Wnt/ β -catenin signaling pathway in the SW480 colon adenocarcinoma cell line. <i>Phytotherapy Research</i> , 2015 , 100, 19-26	3.2	15
112	A simple and effective enrichment process of the antiproliferative lignan arctigenin based on the endogenous enzymatic hydrolysis of <i>Serratula tinctoria</i> and <i>Arctium lappa</i> fruits. <i>Process Biochemistry</i> , 2015 , 50, 2281-2288	4.8	8
111	The complete microspeciation of ovoidiol A disulfide: a hexabasic symmetric biomolecule. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 107, 209-16	3.5	5
110	Exploring the possibilities of capacitively coupled contactless conductivity detection in combination with liquid chromatography for the analysis of polar compounds using aminoglycosides as test case. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 112, 155-68	3.5	10

109	Phenolic profiling of various olive bark-types and leaves: HPLC/ESI/MS study. <i>Industrial Crops and Products</i> , 2015 , 67, 432-438	5.9	44
108	Identification and isolation of new neolignan and sesquineolignan species: Their acid-catalyzed ring closure and specific accumulation in the fruit wall of <i>Cirsium eriophorum</i> (L.) Scop.. <i>Process Biochemistry</i> , 2015 , 50, 853-858	4.8	9
107	The comprehensive acid-base characterization of glutathione. <i>Chemical Physics Letters</i> , 2015 , 622, 50-56	2.5	15
106	A cost-effective synthesis of enantiopure ovothiol A from L-histidine, its natural precursor. <i>Arkivoc</i> , 2015 , 2014, 1-9	0.9	11
105	The complete microspeciation of ovothiol A, the smallest octafarious antioxidant biomolecule. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 2377-87	4.4	9
104	Novel ion-binding C3 symmetric tripodal triazoles: synthesis and characterization. <i>Open Chemistry</i> , 2014 , 12, 115-125	1.6	1
103	Separation and determination of quinolone antibacterials by capillary electrophoresis. <i>Journal of Chromatographic Science</i> , 2014 , 52, 919-25	1.4	6
102	The species- and site-specific acid-base properties of penicillamine and its homodisulfide. <i>Chemical Physics Letters</i> , 2014 , 610-611, 62-69	2.5	3
101	Identification and quantification of lignans and sesquilignans in the fruits of <i>Cnicus benedictus</i> L.: Quantitative chromatographic and spectroscopic approaches. <i>Microchemical Journal</i> , 2014 , 114, 238-246	4.8	11
100	Drug delivery: a process governed by species-specific lipophilicities. <i>European Journal of Pharmaceutical Sciences</i> , 2014 , 62, 96-104	5.1	34
99	Characterization of enzyme-catalysed endogenous β -hydroxylation of phenylethanoid glycosides in <i>Euphrasia rostkoviana</i> Hayne at the molecular level. <i>Process Biochemistry</i> , 2014 , 49, 1533-1537	4.8	6
98	The Site-specific Protonation Constants of Spectinomycin, Characterized by ^1H and ^{15}N NMR Methods. <i>Current Pharmaceutical Analysis</i> , 2014 , 11, 4-10	0.6	4
97	The species- and site-specific acid-base properties of biological thiols and their homodisulfides. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 95, 184-92	3.5	15
96	Site-specific basicities regulate molecular recognition in receptor binding: in silico docking of thyroid hormones. <i>European Biophysics Journal</i> , 2013 , 42, 721-30	1.9	12
95	Novel 6β -acylamino-morphinans with analgesic activity. <i>European Journal of Medicinal Chemistry</i> , 2013 , 69, 786-9	6.8	14
94	Glucosides of morphine derivatives: synthesis and characterization. <i>Monatshefte Für Chemie</i> , 2013 , 144, 255-262	1.4	2
93	Equilibrium and structural characterization of ofloxacin- β -cyclodextrin complexation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013 , 77, 291-300	1.7	24
92	Synthetic and quantum chemical study on the regioselective addition of amines to methyl maleamate. <i>Journal of Molecular Modeling</i> , 2013 , 19, 3683-94	2	1

91	Species-specific lipophilicity of thyroid hormones and their precursors in view of their membrane transport properties. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 76, 112-8	3.5	20
90	Lipophilicity of morphine microspheres and their contribution to the lipophilicity profile. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 45, 205-10	5.1	16
89	NMR analysis and site-specific protonation constants of streptomycin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 59, 78-82	3.5	6
88	The site-specific basicity of thyroid hormones and their precursors as regulators of their biological functions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 61, 156-64	3.5	10
87	Chiral recognition of dapoxetine enantiomers with methylated-gamma-cyclodextrin: a validated capillary electrophoresis method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 62, 42-7	3.5	24
86	Triprotic site-specific acid-base equilibria and related properties of fluoroquinolone antibacterials. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 66, 50-7	3.5	35
85	Solution-state NMR spectroscopy of famotidine revisited: spectral assignment, protonation sites, and their structural consequences. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 1653-66	4.4	12
84	Thyroxine lipophilicity is dominated by its zwitterionic microspheres. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 47, 921-5	5.1	11
83	Preparation of benzoate esters of morphine and its derivatives. <i>Monatshefte Für Chemie</i> , 2012 , 143, 1431-1440	5	5
82	Zwitterions can be predominant in membrane penetration of drugs: experimental proof. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 6942-7	8.3	20
81	Chiral recognition of imperanene enantiomers by various cyclodextrins: a capillary electrophoresis and NMR spectroscopy study. <i>Electrophoresis</i> , 2012 , 33, 1458-64	3.6	28
80	Sulfate esters of morphine derivatives: synthesis and characterization. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 42, 65-72	5.1	12
79	Lipophilicity of zwitterions and related species: a new insight. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 44, 68-73	5.1	18
78	Electrodeless, accurate pH determination in highly basic media using a new set of (1)H NMR pH indicators. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 54, 958-64	3.5	52
77	The complete microspeciation of arginine and citrulline. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 54, 965-71	3.5	26
76	Evaluation of the interaction between sitagliptin and cyclodextrin derivatives by capillary electrophoresis and nuclear magnetic resonance spectroscopy. <i>Electrophoresis</i> , 2011 , 32, 2648-54	3.6	19
75	Separation of vinca alkaloid enantiomers by capillary electrophoresis applying cyclodextrin derivatives and characterization of cyclodextrin complexes by nuclear magnetic resonance spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 53, 1258-66	3.5	26
74	Separation and characterization of modified pregabalins in terms of cyclodextrin complexation, using capillary electrophoresis and nuclear magnetic resonance. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 51, 842-52	3.5	46

73	Triprotic acid-base microequilibria and pharmacokinetic sequelae of cetirizine. <i>European Journal of Pharmaceutical Sciences</i> , 2009 , 37, 321-8	5.1	15
72	Metabonomic investigations into the global biochemical sequelae of exposure to the pancreatic toxin 1-cyano-2-hydroxy-3-butene in the rat. <i>Magnetic Resonance in Chemistry</i> , 2009 , 47 Suppl 1, S26-35	2.1	12
71	Proton speciation and microspeciation of serotonin and 5-hydroxytryptophan. <i>Chemistry and Biodiversity</i> , 2009 , 6, 578-90	2.5	12
70	Characterization of aspartame-cyclodextrin complexation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 737-45	3.5	29
69	NMR analysis, protonation equilibria and decomposition kinetics of tolperisone. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 718-23	3.5	10
68	Selecting a Suitable LC Column for Pharmaceutical Separations using a Column Characterisation System. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009 , 32, 747-771	1.3	4
67	Temporal metabonomic modeling of l-arginine-induced exocrine pancreatitis. <i>Journal of Proteome Research</i> , 2008 , 7, 4435-45	5.6	49
66	Resolution of carboxylate protonation microequilibria of NTA, EDTA and related complexones. <i>Talanta</i> , 2008 , 74, 666-74	6.2	10
65	Effect of long-term storage and use on the properties of reversed-phase liquid chromatographic columns. <i>Talanta</i> , 2008 , 76, 172-82	6.2	9
64	Discovery of novel human histamine H4 receptor ligands by large-scale structure-based virtual screening. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 3145-53	8.3	88
63	Finding an Alternative Column for the Separation of Antibiotics on XTerra RP using a Column Classification System. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008 , 31, 1081-1103	1.3	3
62	Three methods to characterize reversed phase liquid chromatographic columns applied to pharmaceutical separations. <i>Journal of Chemometrics</i> , 2008 , 22, 178-185	1.6	31
61	Physico-chemical characterization of a novel group of dopamine D(3)/D(2) receptor ligands, potential atypical antipsychotic agents. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 678-84	3.5	8
60	Binding mode analysis and enrichment studies on homology models of the human histamine H4 receptor. <i>European Journal of Medicinal Chemistry</i> , 2008 , 43, 1059-70	6.8	43
59	Comparison of two column characterisation systems based on pharmaceutical applications. <i>Journal of Chromatography A</i> , 2008 , 1189, 59-71	4.5	17
58	Substituent dependent fluorescence response of diazacrown-based PET sensors. <i>Tetrahedron</i> , 2008 , 64, 6191-6195	2.4	1
57	Bioisosteric hybrids of two anti-inflammatory agents, rutaecarpine and piroxicam. <i>Tetrahedron Letters</i> , 2008 , 49, 5711-5713	2	5
56	Synthesis of hybrids between the alkaloids rutaecarpine and luotonins A, B. <i>Tetrahedron Letters</i> , 2008 , 49, 4937-4940	2	20

55	Site-Specific Acid-Base Properties of Tenoxicam. <i>Helvetica Chimica Acta</i> , 2007 , 90, 1681-1690	2	6
54	Gels and liposomes in optimized ocular drug delivery: studies on ciprofloxacin formulations. <i>International Journal of Pharmaceutics</i> , 2007 , 343, 34-40	6.5	92
53	Application of an improved column characterisation system to evaluate the within and between batch variability. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 44, 634-9	3.5	18
52	Complete resolution of the microscopic protonation equilibria of N-methyl-D-aspartic acid and related compounds. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 43, 1306-14	3.5	7
51	Cyclodextrin/imatinib complexation: binding mode and charge dependent stabilities. <i>European Journal of Pharmaceutical Sciences</i> , 2007 , 30, 167-74	5.1	49
50	Site-specific protonation microequilibria of penicillin and cephalosporin beta-lactam core molecules. <i>European Journal of Pharmaceutical Sciences</i> , 2007 , 32, 1-7	5.1	4
49	Novel amino acid-based polymers for pharmaceutical applications. <i>Polymer Bulletin</i> , 2007 , 59, 311-318	2.4	33
48	Column selection for pharmaceutical analyses based on a column classification using four test parameters. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 44, 894-905	3.5	26
47	Classification of reversed-phase columns based on their selectivity towards vancomycin compounds. <i>Talanta</i> , 2007 , 71, 31-7	6.2	34
46	Molecular interactions in imatinib-DPPC liposomes. <i>European Journal of Pharmaceutical Sciences</i> , 2006 , 27, 205-11	5.1	14
45	Determination of dissociation constants of folic acid, methotrexate, and other photolabile pteridines by pressure-assisted capillary electrophoresis. <i>Electrophoresis</i> , 2006 , 27, 3399-409	3.6	71
44	Characterization of ester hydrolysis in terms of microscopic rate constants. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 14507-14	3.4	5
43	Physico-chemical profiling of antidepressive sertraline: solubility, ionisation, lipophilicity. <i>Medicinal Chemistry</i> , 2006 , 2, 385-9	1.8	22
42	Facilitated column selection in pharmaceutical analyses using a simple column classification system. <i>Journal of Chromatography A</i> , 2006 , 1101, 103-14	4.5	45
41	Acid-base profiling of imatinib (gleevec) and its fragments. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 2498-5	5.5	82
40	Novel Chemical Transformations of Tenoxicam. <i>Helvetica Chimica Acta</i> , 2005 , 88, 2355-2363	2	2
39	Neighbor Group Hydration Effects on Carboxylate Basicities in Partly Aqueous Solutions. <i>Journal of Solution Chemistry</i> , 2005 , 34, 1227-1233	1.8	3
38	Determination of rotamer populations and related parameters from NMR coupling constants: a critical review. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 378, 1449-63	4.4	33

37	Determination of microscopic acid-base parameters from NMR-pH titrations. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 378, 1428-48	4.4	92
36	Characterisation of reversed-phase liquid-chromatographic columns by chromatographic tests comparing column classification based on chromatographic parameters and column performance for the separation of acetylsalicylic acid and related compounds. <i>Journal of Chromatography A</i> , 2003 , 1005, 109-120	4.5	52
35	Characterisation of reversed-phase liquid chromatographic columns by chromatographic tests. Rational column classification by a minimal number of column test parameters. <i>Journal of Chromatography A</i> , 2003 , 1012, 11-29	4.5	63
34	Lipophilicity of vinpocetine and related compounds characterized by reversed-phase thin-layer chromatography. <i>Journal of Chromatography A</i> , 2003 , 996, 195-203	4.5	31
33	Local tissue effects of copper-containing intrauterine devices. <i>Fertility and Sterility</i> , 2003 , 80, 1281-3	4.8	19
32	Determination of conformer-specific partition coefficients in octanol/water systems. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 2241-5	8.3	34
31	Microscopic Protonation Equilibria of Oxidized Glutathione. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 5074-5080	3.4	38
30	Characterisation of reversed-phase liquid chromatographic columns by chromatographic tests. Evaluation of 36 test parameters: repeatability, reproducibility and correlation. <i>Journal of Chromatography A</i> , 2002 , 977, 39-58	4.5	70
29	Conformer-Specific Partition Coefficient: Theory and Determination. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 1066-1068	3.4	19
28	Concentration and basicity of histamine rotamers. <i>Perkin Transactions II RSC</i> , 2002 , 914-917		10
27	Enhancing effect of zinc on astroglial and cerebral endothelial histamine uptake. <i>Biochemical Pharmacology</i> , 2001 , 62, 1491-500	6	7
26	Deconvolution of composite chromatographic peaks by simultaneous dual detections. <i>Journal of Chromatographic Science</i> , 2000 , 38, 425-9	1.4	8
25	Species-Specific Hydrolysis Kinetics of N-Methylated Heroin Derivatives. <i>Helvetica Chimica Acta</i> , 2000 , 83, 364-372	2	2
24	Capillary electrophoresis separation of vinpocetine and related compounds: prediction of electrophoretic mobilities in partly aqueous media. <i>Electrophoresis</i> , 2000 , 21, 2417-23	3.6	7
23	Population, acid-base, and redox properties of N-acetylcysteine conformers. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 2176-82	8.3	67
22	Characterization of potential NMDA and cholecystokinin antagonists I. acid-base properties of 2-methyl-4-oxo-3H-quinazoline-3-alkyl-carboxylic acids at the molecular and submolecular levels. <i>International Journal of Pharmaceutics</i> , 1999 , 180, 1-11	6.5	7
21	Proton speciation and microspeciation of vinpocetine and related compounds in aqueous and biomimetic media. <i>Pharmaceutical Research</i> , 1999 , 16, 1757-63	4.5	13
20	Protonation microequilibrium treatment of polybasic compounds with any possible symmetry. <i>Journal of Mathematical Chemistry</i> , 1999 , 26, 139-155	2.1	51

19	Determination of Peak Homogeneity by Dual Detection. <i>Analytical Chemistry</i> , 1999 , 71, 1500-1503	7.8	6
18	Characterization of calcified deposits on contraceptive intrauterine devices. <i>Contraception</i> , 1998 , 58, 305-8	2.5	25
17	Microscopic acid-base equilibria of a synthetic hydroxamate siderophore analog, piperazine-1,4-bis(N-methylacetohydroxamic acid). <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997 , 1977-1983		21
16	Determination of enantiomeric purity by simultaneous dual circular dichroism and ultraviolet spectroscopy. <i>Talanta</i> , 1997 , 44, 1479-85	6.2	23
15	Characterization of lactate-guanidinium and lactate-lactate interactions in aqueous solution by spectropolarimetry. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996 , 1419-1422		11
14	Imprinting effects of three amino acids (alanine, lysine and glycine) and their oligopeptides in <i>Tetrahymena pyriformis</i> . Data from the hormone and hormone receptor evolution. <i>Cell Biology International</i> , 1996 , 20, 339-42	4.5	3
13	Microscopic Protonation/Deprotonation Equilibria of the Anti-Inflammatory Agent Piroxicam. <i>Helvetica Chimica Acta</i> , 1995 , 78, 553-562	2	42
12	¹ H-NMR studies on thymopoietin-type oligopeptides--assignment of the proton resonances and investigation of conformational preferences. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1993 , 11, 541-7	3.5	0
11	Characterization of the macroscopic and microscopic acid-base chemistry of the native disulfide and reduced dithiol forms of oxytocin, arginine-vasopressin, and related peptides. <i>Journal of Organic Chemistry</i> , 1992 , 57, 2327-2334	4.2	15
10	Kinetics and equilibria of thiol/disulfide interchange reactions of selected biological thiols and related molecules with oxidized glutathione. <i>Journal of Organic Chemistry</i> , 1992 , 57, 123-127	4.2	106
9	Acid-base properties of thymopoietin-type tri- and tetrapeptides and their derivatives. <i>International Journal of Peptide and Protein Research</i> , 1991 , 38, 139-45		5
8	Rota-microspeciation of serine, cysteine, and selenocysteine. <i>The Journal of Physical Chemistry</i> , 1991 , 95, 9609-9614		19
7	Nitrogen-protonation microequilibria and C(2)-deprotonation microkinetics of histidine, histamine, and related compounds. <i>The Journal of Physical Chemistry</i> , 1991 , 95, 4761-4765		33
6	Protonation equilibria of quinolone antibacterials. <i>Journal of Pharmaceutical Sciences</i> , 1990 , 79, 1023-8	3.9	178
5	Rota-microspeciation of aspartic acid and asparagine. <i>Analytical Chemistry</i> , 1989 , 61, 2631-2637	7.8	40
4	Microspeciation of polypeptides. <i>The Journal of Physical Chemistry</i> , 1986 , 90, 6345-6349		33
3	Group constant: A measure of submolecular basicity. <i>The Journal of Physical Chemistry</i> , 1986 , 90, 4104-4110		49
2	A unified view of carbon bound hydrogen exchange of H(2) in imidazoles and H(8) in purine nucleosides and their metal ion complexes. <i>Journal of the American Chemical Society</i> , 1982 , 104, 1078-1081	16.4	38

- 1 The effect of solvents on protonation equilibria of corticotropin (ACTH) fragments. *Inorganica Chimica Acta*, **1980**, 46, 229-234 2.7 4