

Bã©la Noszã;l

List of Publications by Year in descending order

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164
papers

3,839
citations

117625

34
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175258

52
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165
all docs

165
docs citations

165
times ranked

4095
citing authors

#	ARTICLE	IF	CITATIONS
1	Selenateâ€”An internal chemical shift standard for aqueous ⁷⁷ Se NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2022, 60, 148-156.	1.9	2
2	Î²-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.	4.0	3
3	Close correlation between thiolate basicity and certain NMR parameters in cysteine and cystine microspecies. <i>PLoS ONE</i> , 2022, 17, e0264866.	2.5	3
4	Tissue-Specific Accumulation and Isomerization of Valuable Phenylethanoid Glycosides from <i>Plantago</i> and <i>Forsythia</i> Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3880.	4.1	3
5	Solution Structure and Acidâ€”Base Properties of Reduced Î±-Conotoxin M1. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100464.	2.1	1
6	The species-specific acid-base and multinuclear magnetic resonance properties of selenocysteamine, selenocysteine, and their homodiselenides. <i>Chemical Physics Letters</i> , 2020, 741, 137076.	2.6	6
7	Reversedâ€”phase HPLC enantioseparation of pantoprazole using a teicoplanin aglycone stationary phaseâ€”Determination of the enantiomer elution order using HPLCâ€”CD analyses. <i>Chirality</i> , 2020, 32, 158-167.	2.6	16
8	Physicochemical Properties of Zwitterionic Drugs in Therapy. <i>ChemMedChem</i> , 2020, 15, 1102-1110.	3.2	10
9	Species-Specific, pH-Independent, Standard Redox Potential of Selenocysteine and Selenocysteamine. <i>Antioxidants</i> , 2020, 9, 465.	5.1	6
10	Chiral separation of lansoprazole and rabeprazole by capillary electrophoresis using dual cyclodextrin systems. <i>Electrophoresis</i> , 2019, 40, 2799-2805.	2.4	20
11	Advances in the Physicochemical Profiling of Opioid Compounds of Therapeutic Interest. <i>ChemistryOpen</i> , 2019, 8, 879-887.	1.9	16
12	Characterization of the Siteâ€”Specific Acidâ€”Base Equilibria of 3â€”Nitrotyrosine. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900358.	2.1	1
13	Galls of European <i>Fraxinus</i> trees as new and abundant sources of valuable phenylethanoid and coumarin glycosides. <i>Industrial Crops and Products</i> , 2019, 139, 111517.	5.2	7
14	Physicochemical Profiling of Baicalin Along with the Development and Characterization of Cyclodextrin Inclusion Complexes. <i>AAPS PharmSciTech</i> , 2019, 20, 314.	3.3	35
15	Characterization of the species-specific acid-base equilibria of adrenaline and noradrenaline. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 170, 215-219.	2.8	3
16	Chiral separation of rasagiline using sulfobutyletherâ€”Î²-cyclodextrin: capillary electrophoresis, NMR and molecular modeling study. <i>Electrophoresis</i> , 2019, 40, 1897-1903.	2.4	27
17	Phenolic composition, antioxidant and antinociceptive activities of <i>Syringa vulgaris</i> L. bark and leaf extracts. <i>Natural Product Research</i> , 2019, 33, 1664-1669.	1.8	18
18	Chemodiversity of <i>Cirsium</i> fruits: Antiproliferative lignans, neolignans and sesqueneolignans as chemotaxonomic markers. <i>FÃ”-toteraPÃ”-Ã”</i> , 2018, 127, 413-419.	2.2	8

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19	Enantioseparation of racecadotril using polysaccharideâ€type chiral stationary phases in polar organic mode. <i>Chirality</i> , 2018, 30, 95-105.	2.6	18
20	Chiral separation of lenalidomide by liquid chromatography on polysaccharideâ€type stationary phases and by capillary electrophoresis using cyclodextrin selectors. <i>Journal of Separation Science</i> , 2018, 41, 1414-1423.	2.5	37
21	NMR-Based Determination of pH, Free of Electrodes and Reference Compounds. <i>Analytical Chemistry</i> , 2018, 90, 12075-12080.	6.5	6
22	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.	4.0	2
23	Dopamine: Acid-base properties and membrane penetration capacity. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 346-350.	2.8	11
24	Determination of pH-independent rate constants of thiolateâ€disulfide redox transitions. <i>New Journal of Chemistry</i> , 2018, 42, 11653-11659.	2.8	4
25	Validated capillary electrophoretic method for the enantiomeric quality control of <i>R</i>â€praziquantel. <i>Electrophoresis</i> , 2017, 38, 1886-1894.	2.4	14
26	The small molecule AUTEN-99 (autophagy enhancer-99) prevents the progression of neurodegenerative symptoms. <i>Scientific Reports</i> , 2017, 7, 42014.	3.3	37
27	New opioid receptor antagonist: Naltrexone-14-O-sulfate synthesis and pharmacology. <i>European Journal of Pharmacology</i> , 2017, 809, 111-121.	3.5	5
28	Passive Membrane Penetration of the Serotonin Precursor 5â€Hydroxytryptophan is Controlled by Its Zwitterion. <i>Chemistry and Biodiversity</i> , 2017, 14, e1700162.	2.1	1
29	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.	2.3	6
30	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.	1.6	8
31	Biorelevant physicochemical profiling of (E)- and (Z)-resveratrol determined from isomeric mixtures. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 138, 322-329.	2.8	15
32	Physico-chemical profiling of semisynthetic opioids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 135, 97-105.	2.8	11
33	Site- and species-specific hydrolysis rates of cocaine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 372-378.	2.8	1
34	Physicochemical Characterization and Cyclodextrin Complexation of the Anticancer Drug Lapatinib. <i>Journal of Chemistry</i> , 2017, 2017, 1-9.	1.9	16
35	Physicochemical and Pharmacological Characterization of Permanently Charged Opioids. <i>Current Medicinal Chemistry</i> , 2017, 24, 3633-3648.	2.4	8
36	Enzyme-hydrolyzed Fruit of <i>Jurinea mollis</i>: A Rich Source of (-)-(8<i>R</i>,&€²<i>R</i>)-Arctigenin. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601101.	0.5	3

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37	Physicochemical Profiling of <i>Lipoic Acid</i> and Related Compounds. <i>Chemistry and Biodiversity</i> , 2016, 13, 861-869.	2.1	1
38	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, 2941-2949.	2.5	21
39	Characterization of antioxidant phenolics in <i>Syringa vulgaris</i> L. flowers and fruits by HPLC-ESI-MS. <i>Biomedical Chromatography</i> , 2016, 30, 923-932.	1.7	40
40	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.	1.6	20
41	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.	3.3	45
42	Chiral Separation of Uncharged Pomalidomide Enantiomers Using Carboxymethyl-β-Cyclodextrin: A Validated Capillary Electrophoretic Method. <i>Chirality</i> , 2016, 28, 199-203.	2.6	19
43	Site- and species-specific hydrolysis rates of heroin. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 89, 105-114.	4.0	3
44	Physicochemical characterisation and cyclodextrin complexation of erlotinib. <i>Supramolecular Chemistry</i> , 2016, 28, 656-664.	1.2	14
45	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.	2.8	28
46	Protonation and β-cyclodextrin complex formation equilibria of fluconazole. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016, 84, 189-196.	1.6	14
47	Species-specific thiol-disulfide equilibrium constants of ovoidiol A and penicillamine with glutathione. <i>RSC Advances</i> , 2016, 6, 26757-26764.	3.6	10
48	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.	2.8	47
49	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.	3.7	12
50	The complete microspeciation of ovoidiol A disulfide: A hexabasic symmetric biomolecule. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 209-216.	2.8	7
51	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, 155-168.	2.8	11
52	Phenolic profiling of various olive bark-types and leaves: HPLC-ESI/MS study. <i>Industrial Crops and Products</i> , 2015, 67, 432-438.	5.2	58
53	Identification and isolation of new neolignan and sesqueneolignan 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.	3.7	11
54	The comprehensive acid-base characterization of glutathione. <i>Chemical Physics Letters</i> , 2015, 622, 50-56.	2.6	17

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55	Species-Specific Thiolâ€“Disulfide Equilibrium Constant: A Tool To Characterize Redox Transitions of Biological Importance. <i>Journal of Physical Chemistry B</i> , 2015, 119, 10191-10197.	2.6	10
56	Species-specific lipophilicity of morphine antagonists. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 78, 1-7.	4.0	13
57	Endogenous enzyme-hydrolyzed fruit of <i>Cirsium brachycephalum</i> : Optimal source of the antiproliferative lignan trachelogenin regulating the Wnt/ β 2-Catenin signaling pathway in the SW480 colon adenocarcinoma cell line. <i>FÃ“toterapÃ“c</i> , 2015, 100, 19-26.	2.2	18
58	A cost-effective synthesis of enantiopure ovothiol A from L-histidine, its natural precursor. <i>Arkivoc</i> , 2015, 2014, 1-9.	0.5	12
59	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
60	The species- and site-specific acidâ€“base properties of biological thiols and their homodisulfides. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 95, 184-192.	2.8	23
61	The complete microspeciation of ovothiol A, the smallest octafarous antioxidant biomolecule. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2377-2387.	3.7	11
62	Novel ion-binding C3 symmetric tripodal triazoles: synthesis and characterization. <i>Open Chemistry</i> , 2014, 12, 115-125.	1.9	3
63	Separation and Determination of Quinolone Antibacterials by Capillary Electrophoresis. <i>Journal of Chromatographic Science</i> , 2014, 52, 919-925.	1.4	10
64	The species- and site-specific acidâ€“base properties of penicillamine and its homodisulfide. <i>Chemical Physics Letters</i> , 2014, 610-611, 62-69.	2.6	3
65	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.	4.5	13
66	Drug delivery: A process governed by species-specific lipophilicities. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 62, 96-104.	4.0	35
67	Characterization of enzyme-catalysed endogenous β 2-hydroxylation of phenylethanoid glycosides in <i>Euphrasia rostkoviana</i> Hayne at the molecular level. <i>Process Biochemistry</i> , 2014, 49, 1533-1537.	3.7	6
68	Site-specific basicities regulate molecular recognition in receptor binding: in silico docking of thyroid hormones. <i>European Biophysics Journal</i> , 2013, 42, 721-730.	2.2	12
69	Novel β 2-acylaminomorphinans with analgesic activity. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 786-789.	5.5	15
70	Glucosides of morphine derivatives: synthesis and characterization. <i>Monatshefte FÃ¼r Chemie</i> , 2013, 144, 255-262.	1.8	4
71	Equilibrium and structural characterization of ofloxacinâ€“cyclodextrin complexation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 77, 291-300.	1.6	28
72	Synthetic and quantum chemical study on the regioselective addition of amines to methyl maleamate. <i>Journal of Molecular Modeling</i> , 2013, 19, 3683-3694.	1.8	1

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73	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, 112-118.	2.8	21
74	Thyroxine lipophilicity is dominated by its zwitterionic microspecies. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 47, 921-925.	4.0	12
75	Preparation of benzoate esters of morphine and its derivatives. <i>Monatshefte für Chemie</i> , 2012, 143, 1431-1440.	1.8	6
76	Zwitterions Can Be Predominant in Membrane Penetration of Drugs: Experimental Proof. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6942-6947.	6.4	20
77	Chiral recognition of imperanene enantiomers by various cyclodextrins: A capillary electrophoresis and ¹ H NMR spectroscopy study. <i>Electrophoresis</i> , 2012, 33, 1458-1464.	2.4	30
78	Lipophilicity of morphine microspecies and their contribution to the lipophilicity profile. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 45, 205-210.	4.0	16
79	NMR analysis and site-specific protonation constants of streptomycin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 59, 78-82.	2.8	7
80	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, 156-164.	2.8	12
81	Chiral recognition of dapoxetine enantiomers with methylated-gamma-cyclodextrin: A validated capillary electrophoresis method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 62, 42-47.	2.8	26
82	Triprotic site-specific acid-base equilibria and related properties of fluoroquinolone antibacterials. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 66, 50-57.	2.8	41
83	Solution-state NMR spectroscopy of famotidine revisited: spectral assignment, protonation sites, and their structural consequences. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1653-1666.	3.7	16
84	Sulfate esters of morphine derivatives: Synthesis and characterization. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 42, 65-72.	4.0	16
85	Lipophilicity of zwitterions and related species: A new insight. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 44, 68-73.	4.0	18
86	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, 958-964.	2.8	61
87	The complete microspeciation of arginine and citrulline. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 965-971.	2.8	28
88	Evaluation of the interaction between sitagliptin and cyclodextrin derivatives by capillary electrophoresis and nuclear magnetic resonance spectroscopy. <i>Electrophoresis</i> , 2011, 32, 2648-2654.	2.4	23
89	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, 1258-1266.	2.8	29
90	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, 842-852.	2.8	51

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91	Triprotic acidâ€“base microequilibria and pharmacokinetic sequelae of cetirizine. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 37, 321-328.	4.0	17
92	Metabonomic investigations into the global biochemical sequelae of exposure to the pancreatic toxin 1â€“cyanoâ€“2â€“hydroxyâ€“3â€“butene in the rat. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, S26-35.	1.9	14
93	Proton Speciation and Microspeciation of Serotonin and 5â€“Hydroxytryptophan. <i>Chemistry and Biodiversity</i> , 2009, 6, 578-590.	2.1	13
94	Characterization of aspartameâ€“cyclodextrin complexation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 737-745.	2.8	33
95	NMR analysis, protonation equilibria and decomposition kinetics of tolperisone. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 718-723.	2.8	10
96	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.	1.0	4
97	Three methods to characterize reversed phase liquid chromatographic columns applied to pharmaceutical separations. <i>Journal of Chemometrics</i> , 2008, 22, 178-185.	1.3	32
98	Physico-chemical characterization of a novel group of dopamine D3/D2 receptor ligands, potential atypical antipsychotic agents. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 678-684.	2.8	9
99	Binding mode analysis and enrichment studies on homology models of the human histamine H4 receptor. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 1059-1070.	5.5	43
100	Comparison of two column characterisation systems based on pharmaceutical applications. <i>Journal of Chromatography A</i> , 2008, 1189, 59-71.	3.7	18
101	Substituent dependent fluorescence response of diazacrown-based PET sensors. <i>Tetrahedron</i> , 2008, 64, 6191-6195.	1.9	1
102	Bioisosteric hybrids of two anti-inflammatory agents, rutaecarpine and piroxicam. <i>Tetrahedron Letters</i> , 2008, 49, 5711-5713.	1.4	6
103	Synthesis of hybrids between the alkaloids rutaecarpine and luotonins A, B. <i>Tetrahedron Letters</i> , 2008, 49, 4937-4940.	1.4	24
104	Temporal Metabonomic Modeling of <sc>l</sc>-Arginine-Induced Exocrine Pancreatitis. <i>Journal of Proteome Research</i> , 2008, 7, 4435-4445.	3.7	55
105	Resolution of carboxylate protonation microequilibria of NTA, EDTA and related complexones. <i>Talanta</i> , 2008, 74, 666-674.	5.5	13
106	Effect of long-term storage and use on the properties of reversed-phase liquid chromatographic columns. <i>Talanta</i> , 2008, 76, 172-182.	5.5	11
107	Discovery of Novel Human Histamine H4 Receptor Ligands by Large-Scale Structure-Based Virtual Screening. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3145-3153.	6.4	97
108	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.	1.0	3

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109	Classification of reversed-phase columns based on their selectivity towards vancomycin compounds. <i>Talanta</i> , 2007, 71, 31-37.	5.5	37
110	Site-specific Acid-Base Properties of Tenoxicam. <i>Helvetica Chimica Acta</i> , 2007, 90, 1681-1690.	1.6	7
111	Gels and liposomes in optimized ocular drug delivery: Studies on ciprofloxacin formulations. <i>International Journal of Pharmaceutics</i> , 2007, 343, 34-40.	5.2	105
112	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, 634-639.	2.8	19
113	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, 1306-1314.	2.8	7
114	Cyclodextrin/imatinib complexation: Binding mode and charge dependent stabilities. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 30, 167-174.	4.0	53
115	Site-specific protonation microequilibria of penicillin and cephalosporin beta-lactam core molecules. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 32, 1-7.	4.0	6
116	Novel amino acid-based polymers for pharmaceutical applications. <i>Polymer Bulletin</i> , 2007, 59, 311-318.	3.3	34
117	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.	2.8	26
118	Characterization of Ester Hydrolysis in Terms of Microscopic Rate Constants. <i>Journal of Physical Chemistry B</i> , 2006, 110, 14507-14514.	2.6	6
119	Physico-Chemical Profiling of Antidepressive Sertraline: Solubility, Ionisation, Lipophilicity. <i>Medicinal Chemistry</i> , 2006, 2, 385-389.	1.5	27
120	Facilitated column selection in pharmaceutical analyses using a simple column classification system. <i>Journal of Chromatography A</i> , 2006, 1101, 103-114.	3.7	48
121	Molecular interactions in imatinib-DPPC liposomes. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 27, 205-211.	4.0	15
122	Determination of dissociation constants of folic acid, methotrexate, and other photolabile pteridines by pressure-assisted capillary electrophoresis. <i>Electrophoresis</i> , 2006, 27, 3399-3409.	2.4	82
123	Acid-Base Profiling of Imatinib (Gleevec) and Its Fragments. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 249-255.	6.4	92
124	Novel Chemical Transformations of Tenoxicam. <i>Helvetica Chimica Acta</i> , 2005, 88, 2355-2363.	1.6	2
125	Neighbor Group Hydration Effects on Carboxylate Basicities in Partly Aqueous Solutions. <i>Journal of Solution Chemistry</i> , 2005, 34, 1227-1233.	1.2	3
126	Determination of rotamer populations and related parameters from NMR coupling constants: a critical review. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 1449-1463.	3.7	35

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127	Determination of microscopic acid-base parameters from NMR-pH titrations. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 1428-1448.	3.7	103
128	Determination of Rotamer Populations and Related Parameters from NMR Coupling Constants. <i>ChemInform</i> , 2004, 35, no.	0.0	0
129	Characterisation of reversed-phase liquid-chromatographic columns by chromatographic tests. <i>Journal of Chromatography A</i> , 2004, 1025, 189-200.	3.7	57
130	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.	3.7	70
131	Lipophilicity of vinpocetine and related compounds characterized by reversed-phase thin-layer chromatography. <i>Journal of Chromatography A</i> , 2003, 996, 195-203.	3.7	34
132	Local tissue effects of copper-containing intrauterine devices. <i>Fertility and Sterility</i> , 2003, 80, 1281-1283.	1.0	21
133	Determination of Conformer-Specific Partition Coefficients in Octanol/Water Systems. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 2241-2245.	6.4	40
134	Microscopic Protonation Equilibria of Oxidized Glutathione. <i>Journal of Physical Chemistry B</i> , 2003, 107, 5074-5080.	2.6	40
135	Conformer-Specific Partition Coefficient: Theory and Determination. <i>Journal of Physical Chemistry B</i> , 2002, 106, 1066-1068.	2.6	21
136	Concentration and basicity of histamine rotamers. <i>Perkin Transactions II RSC</i> , 2002, , 914-917.	1.1	10
137	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.	3.7	77
138	Enhancing effect of zinc on astroglial and cerebral endothelial histamine uptake 1 1 Abbreviations: HA, histamine; FCS, fetal calf serum; MEM, minimal essential medium; and NEM, N-ethylmaleimide.. <i>Biochemical Pharmacology</i> , 2001, 62, 1491-1500.	4.4	8
139	Deconvolution of Composite Chromatographic Peaks by Simultaneous Dual Detections. <i>Journal of Chromatographic Science</i> , 2000, 38, 425-429.	1.4	9
140	Species-Specific Hydrolysis Kinetics of N-Methylated Heroin Derivatives. <i>Helvetica Chimica Acta</i> , 2000, 83, 364-372.	1.6	4
141	Capillary electrophoresis separation of vinpocetine and related compounds: Prediction of electrophoretic mobilities in partly aqueous media. <i>Electrophoresis</i> , 2000, 21, 2417-2423.	2.4	7
142	Population, Acid-Base, and Redox Properties of N-Acetylcysteine Conformers. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 2176-2182.	6.4	74
143	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.	5.2	7
144	Proton speciation and microspeciation of vinpocetine and related compounds in aqueous and biomimetic media. <i>Pharmaceutical Research</i> , 1999, 16, 1757-1763.	3.5	14

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145	Protonation microequilibrium treatment of polybasic compounds with any possible symmetry. <i>Journal of Mathematical Chemistry</i> , 1999, 26, 139-155.	1.5	64
146	Determination of Peak Homogeneity by Dual Detection. <i>Analytical Chemistry</i> , 1999, 71, 1500-1503.	6.5	7
147	Characterization of calcified deposits on contraceptive intrauterine devices. <i>Contraception</i> , 1998, 58, 305-308.	1.5	29
148	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.	0.9	24
149	Determination of enantiomeric purity by simultaneous dual circular dichroism and ultraviolet spectroscopy. <i>Talanta</i> , 1997, 44, 1479-1485.	5.5	23
150	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.	0.9	12
151	IMPRINTING EFFECTS OF THREE AMINO ACIDS (ALANINE, LYSINE AND GLYCINE) AND THEIR OLIGOPEPTIDES INTETRAHYMENA PYRIFORMIS. DATA FROM THE HORMONE AND HORMONE RECEPTOR EVOLUTION. <i>Cell Biology International</i> , 1996, 20, 339-342.	3.0	3
152	Microscopic Protonation/Deprotonation Equilibria of the Anti-Inflammatory Agent Piroxicam. <i>Helvetica Chimica Acta</i> , 1995, 78, 553-562.	1.6	46
153	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, 541-547.	2.8	1
154	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.	3.2	16
155	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.	3.2	127
156	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.	2.9	41
157	Rota-microspeciation of serine, cysteine, and selenocysteine. <i>The Journal of Physical Chemistry</i> , 1991, 95, 9609-9614.	2.9	23
158	Acid-base properties of thymopoietin-type tri- and tetrapeptides and their derivatives. <i>International Journal of Peptide and Protein Research</i> , 1991, 38, 139-145.	0.1	5
159	Protonation Equilibria of Quinolone Antibacterials. <i>Journal of Pharmaceutical Sciences</i> , 1990, 79, 1023-1028.	3.3	203
160	Rota-microspeciation of aspartic acid and asparagine. <i>Analytical Chemistry</i> , 1989, 61, 2631-2637.	6.5	47
161	Group constant: A measure of submolecular basicity. <i>The Journal of Physical Chemistry</i> , 1986, 90, 4104-4110.	2.9	56
162	Microspeciation of polypeptides. <i>The Journal of Physical Chemistry</i> , 1986, 90, 6345-6349.	2.9	40

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163	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.	13.7	44
164	The effect of solvents on protonation equilibria of corticotropin (ACTH) fragments. <i>Inorganica Chimica Acta</i> , 1980, 46, 229-234.	2.4	5