

Bla Noszl

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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	Protonation equilibria of quinolone antibacterials. <i>Journal of Pharmaceutical Sciences</i> , 1990 , 79, 1023-8	3.9	178
161	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
160	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
159	Determination of microscopic acid-base parameters from NMR-pH titrations. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 378, 1428-48	4.4	92
158	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
157	Acid-base profiling of imatinib (gleevec) and its fragments. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 2498-5	8.5	82
156	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
155	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
154	Population, acid-base, and redox properties of N-acetylcysteine conformers. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 2176-82	8.3	67
153	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
152	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
151	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> , 2004 , 1025, 189-200	4.5	52
150	Protonation microequilibrium treatment of polybasic compounds with any possible symmetry. <i>Journal of Mathematical Chemistry</i> , 1999 , 26, 139-155	2.1	51
149	Temporal metabonomic modeling of l-arginine-induced exocrine pancreatitis. <i>Journal of Proteome Research</i> , 2008 , 7, 4435-45	5.6	49
148	Cyclodextrin/imatinib complexation: binding mode and charge dependent stabilities. <i>European Journal of Pharmaceutical Sciences</i> , 2007 , 30, 167-74	5.1	49
147	Group constant: A measure of submolecular basicity. <i>The Journal of Physical Chemistry</i> , 1986 , 90, 4104-4110		49
146	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

145	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
144	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
143	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
142	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
141	Microscopic Protonation/Deprotonation Equilibria of the Anti-Inflammatory Agent Piroxicam. <i>Helvetica Chimica Acta</i> , 1995 , 78, 553-562	2	42
140	Rota-microspeciation of aspartic acid and asparagine. <i>Analytical Chemistry</i> , 1989 , 61, 2631-2637	7.8	40
139	Microscopic Protonation Equilibria of Oxidized Glutathione. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 5074-5080	3.4	38
138	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
137	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
136	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
135	Drug delivery: a process governed by species-specific lipophilicities. <i>European Journal of Pharmaceutical Sciences</i> , 2014 , 62, 96-104	5.1	34
134	Classification of reversed-phase columns based on their selectivity towards vancomycin compounds. <i>Talanta</i> , 2007 , 71, 31-7	6.2	34
133	Determination of conformer-specific partition coefficients in octanol/water systems. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 2241-5	8.3	34
132	Novel amino acid-based polymers for pharmaceutical applications. <i>Polymer Bulletin</i> , 2007 , 59, 311-318	2.4	33
131	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
130	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
129	Microspeciation of polypeptides. <i>The Journal of Physical Chemistry</i> , 1986 , 90, 6345-6349		33
128	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

127	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
126	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
125	Characterization of aspartame-cyclodextrin complexation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 737-45	3.5	29
124	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
123	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
122	The complete microspeciation of arginine and citrulline. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 54, 965-71	3.5	26
121	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
120	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
119	Characterization of calcified deposits on contraceptive intrauterine devices. <i>Contraception</i> , 1998 , 58, 305-8	2.5	25
118	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
117	Equilibrium and structural characterization of ofloxacin-cyclodextrin complexation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013 , 77, 291-300	1.7	24
116	The small molecule AUTEN-99 (autophagy enhancer-99) prevents the progression of neurodegenerative symptoms. <i>Scientific Reports</i> , 2017 , 7, 42014	4.9	23
115	Determination of enantiomeric purity by simultaneous dual circular dichroism and ultraviolet spectroscopy. <i>Talanta</i> , 1997 , 44, 1479-85	6.2	23
114	Physicochemical Profiling of Baicalin Along with the Development and Characterization of Cyclodextrin Inclusion Complexes. <i>AAPS PharmSciTech</i> , 2019 , 20, 314	3.9	22
113	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
112	Physico-chemical profiling of antidepressive sertraline: solubility, ionisation, lipophilicity. <i>Medicinal Chemistry</i> , 2006 , 2, 385-9	1.8	22
111	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
110	Zwitterions can be predominant in membrane penetration of drugs: experimental proof. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 6942-7	8.3	20

109	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
108	Synthesis of hybrids between the alkaloids rutaecarpine and luotonins A, B. <i>Tetrahedron Letters</i> , 2008 , 49, 4937-4940	2	20
107	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
106	Local tissue effects of copper-containing intrauterine devices. <i>Fertility and Sterility</i> , 2003 , 80, 1281-3	4.8	19
105	Conformer-Specific Partition Coefficient: Theory and Determination. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 1066-1068	3.4	19
104	Rota-microspeciation of serine, cysteine, and selenocysteine. <i>The Journal of Physical Chemistry</i> , 1991 , 95, 9609-9614		19
103	Lipophilicity of zwitterions and related species: a new insight. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 44, 68-73	5.1	18
102	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
101	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
100	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
99	Comparison of two column characterisation systems based on pharmaceutical applications. <i>Journal of Chromatography A</i> , 2008 , 1189, 59-71	4.5	17
98	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
97	Chiral separation of lansoprazole and rabeprazole by capillary electrophoresis using dual cyclodextrin systems. <i>Electrophoresis</i> , 2019 , 40, 2799-2805	3.6	16
96	Lipophilicity of morphine microspecies and their contribution to the lipophilicity profile. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 45, 205-10	5.1	16
95	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
94	The comprehensive acid-base characterization of glutathione. <i>Chemical Physics Letters</i> , 2015 , 622, 50-56	2.5	15
93	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
92	Triprotic acid-base microequilibria and pharmacokinetic sequelae of cetirizine. <i>European Journal of Pharmaceutical Sciences</i> , 2009 , 37, 321-8	5.1	15

91	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
90	Novel 6-acylamino-morphinans with analgesic activity. <i>European Journal of Medicinal Chemistry</i> , 2013 , 69, 786-9	6.8	14
89	Molecular interactions in imatinib-DPPC liposomes. <i>European Journal of Pharmaceutical Sciences</i> , 2006 , 27, 205-11	5.1	14
88	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
87	Enantioseparation of racecadotril using polysaccharide-type chiral stationary phases in polar organic mode. <i>Chirality</i> , 2018 , 30, 95-105	2.1	13
86	Proton speciation and microspeciation of vincocetine and related compounds in aqueous and biomimetic media. <i>Pharmaceutical Research</i> , 1999 , 16, 1757-63	4.5	13
85	Species-specific lipophilicity of morphine antagonists. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 78, 1-7	5.1	12
84	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
83	Solution-state NMR spectroscopy of famotidine revisited: spectral assignment, protonation sites, and their structural consequences. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 1653-66	4.4	12
82	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
81	Sulfate esters of morphine derivatives: synthesis and characterization. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 42, 65-72	5.1	12
80	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
79	Proton speciation and microspeciation of serotonin and 5-hydroxytryptophan. <i>Chemistry and Biodiversity</i> , 2009 , 6, 578-90	2.5	12
78	Validated capillary electrophoretic method for the enantiomeric quality control of R-praziquantel. <i>Electrophoresis</i> , 2017 , 38, 1886-1894	3.6	11
77	Advances in the Physicochemical Profiling of Opioid Compounds of Therapeutic Interest. <i>ChemistryOpen</i> , 2019 , 8, 879-887	2.3	11
76	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
75	Thyroxine lipophilicity is dominated by its zwitterionic microspecies. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 47, 921-5	5.1	11
74	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

73	A cost-effective synthesis of enantiopure ovothiol A from L-histidine, its natural precursor. <i>Arkivoc</i> , 2015 , 2014, 1-9	0.9	11
72	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
71	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
70	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
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	Resolution of carboxylate protonation microequilibria of NTA, EDTA and related complexones. <i>Talanta</i> , 2008 , 74, 666-74	6.2	10
67	Concentration and basicity of histamine rotamers. <i>Perkin Transactions II RSC</i> , 2002 , 914-917		10
66	Physico-chemical profiling of semisynthetic opioids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 135, 97-105	3.5	9
65	Species-specific thiol-disulfide equilibrium constants of ovothiol A and penicillamine with glutathione. <i>RSC Advances</i> , 2016 , 6, 26757-26764	3.7	9
64	The complete microspeciation of ovothiol A, the smallest octafarous antioxidant biomolecule. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 2377-87	4.4	9
63	Physicochemical Characterization and Cyclodextrin Complexation of the Anticancer Drug Lapatinib. <i>Journal of Chemistry</i> , 2017 , 2017, 1-9	2.3	9
62	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	4.8	9
61	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
60	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
59	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
58	Physicochemical characterisation and cyclodextrin complexation of erlotinib. <i>Supramolecular Chemistry</i> , 2016 , 28, 656-664	1.8	8
57	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
56	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

55	Deconvolution of composite chromatographic peaks by simultaneous dual detections. <i>Journal of Chromatographic Science</i> , 2000 , 38, 425-9	1.4	8
54	Phenolic composition, antioxidant and antinociceptive activities of L. bark and leaf extracts. <i>Natural Product Research</i> , 2019 , 33, 1664-1669	2.3	8
53	Physicochemical Properties of Zwitterionic Drugs in Therapy. <i>ChemMedChem</i> , 2020 , 15, 1102-1110	3.7	7
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	Enhancing effect of zinc on astroglial and cerebral endothelial histamine uptake. <i>Biochemical Pharmacology</i> , 2001 , 62, 1491-500	6	7
50	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
49	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
48	Physicochemical and Pharmacological Characterization of Permanently Charged Opioids. <i>Current Medicinal Chemistry</i> , 2017 , 24, 3633-3648	4.3	6
47	Dopamine: Acid-base properties and membrane penetration capacity. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 158, 346-350	3.5	6
46	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
45	Separation and determination of quinolone antibacterials by capillary electrophoresis. <i>Journal of Chromatographic Science</i> , 2014 , 52, 919-25	1.4	6
44	Characterization of enzyme-catalysed endogenous 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
43	NMR analysis and site-specific protonation constants of streptomycin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 59, 78-82	3.5	6
42	Site-Specific Acid-Base Properties of Tenoxicam. <i>Helvetica Chimica Acta</i> , 2007 , 90, 1681-1690	2	6
41	Determination of Peak Homogeneity by Dual Detection. <i>Analytical Chemistry</i> , 1999 , 71, 1500-1503	7.8	6
40	The complete microspeciation of ovothioliol A disulfide: a hexabasic symmetric biomolecule. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 107, 209-16	3.5	5
39	Preparation of benzoate esters of morphine and its derivatives. <i>Monatshefte für Chemie</i> , 2012 , 143, 1431-1440	1.4	5
38	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

37	Bioisosteric hybrids of two anti-inflammatory agents, rutaecarpine and piroxicam. <i>Tetrahedron Letters</i> , 2008 , 49, 5711-5713	2	5
36	Characterization of ester hydrolysis in terms of microscopic rate constants. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 14507-14	3-4	5
35	New opioid receptor antagonist: Naltrexone-14-O-sulfate synthesis and pharmacology. <i>European Journal of Pharmacology</i> , 2017 , 809, 111-121	5-3	4
34	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
33	Chemodiversity of Cirsium fruits: Antiproliferative lignans, neolignans and sesqueneolignans as chemotaxonomic markers. <i>Phytotherapy</i> , 2018 , 127, 413-419	3-2	4
32	The Site-specific Protonation Constants of Spectinomycin, Characterized by ¹ H and ¹⁵ N NMR Methods. <i>Current Pharmaceutical Analysis</i> , 2014 , 11, 4-10	0.6	4
31	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
30	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
29	The effect of solvents on protonation equilibria of corticotropin (ACTH) fragments. <i>Inorganica Chimica Acta</i> , 1980 , 46, 229-234	2-7	4
28	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
27	Species-Specific, pH-Independent, Standard Redox Potential of Selenocysteine and Selenocysteamine. <i>Antioxidants</i> , 2020 , 9,	7-1	3
26	Site- and species-specific hydrolysis rates of heroin. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 89, 105-14	5-1	3
25	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
24	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
23	Neighbor Group Hydration Effects on Carboxylate Basicities in Partly Aqueous Solutions. <i>Journal of Solution Chemistry</i> , 2005 , 34, 1227-1233	1-8	3
22	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
21	The species-specific acid-base and multinuclear magnetic resonance properties of selenocysteamine, selenocysteine, and their homodiselenides. <i>Chemical Physics Letters</i> , 2020 , 741, 137076	7-5	3
20	NMR-Based Determination of pH, Free of Electrodes and Reference Compounds. <i>Analytical Chemistry</i> , 2018 , 90, 12075-12080	7-8	3

19	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
18	Determination of pH-independent rate constants of thiolate-disulfide redox transitions. <i>New Journal of Chemistry</i> , 2018 , 42, 11653-11659	3.6	2
17	Glucosides of morphine derivatives: synthesis and characterization. <i>Monatshefte Für Chemie</i> , 2013 , 144, 255-262	1.4	2
16	Novel Chemical Transformations of Tenoxicam. <i>Helvetica Chimica Acta</i> , 2005 , 88, 2355-2363	2	2
15	Species-Specific Hydrolysis Kinetics of N-Methylated Heroin Derivatives. <i>Helvetica Chimica Acta</i> , 2000 , 83, 364-372	2	2
14	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
13	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
12	Characterization of the Site-Specific Acid-Base Equilibria of 3-Nitrotyrosine. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1900358	2.5	1
11	Novel ion-binding C3 symmetric tripodal triazoles: synthesis and characterization. <i>Open Chemistry</i> , 2014 , 12, 115-125	1.6	1
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4	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
3	Solution Structure and Acid-Base Properties of Reduced β-Conotoxin M1. <i>Chemistry and Biodiversity</i> , 2021 , 18, e2100464	2.5	0
2	Close correlation between thiolate basicity and certain NMR parameters in cysteine and cystine microspecies.. <i>PLoS ONE</i> , 2022 , 17, e0264866	3.7	0

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