BÃ©la NoszÃ¡l

List of Publications by Year
in descending order

164 papers	3,839 citations	117625 34 h-index	175258 52 g-index
165 all docs	165 docs citations	165 times ranked	4095 citing authors

#	Article	IF	Citations
1	Protonation Equilibria of Quinolone Antibacterials. Journal of Pharmaceutical Sciences, 1990, 79, 1023-1028.	3.3	203
2	Kinetics and equilibria of thiol/disulfide interchange reactions of selected biological thiols and related molecules with oxidized glutathione. Journal of Organic Chemistry, 1992, 57, 123-127.	3.2	127
3	Gels and liposomes in optimized ocular drug delivery: Studies on ciprofloxacin formulations. International Journal of Pharmaceutics, 2007, 343, 34-40.	5.2	105
4	Determination of microscopic acid?base parameters from NMR?pH titrations. Analytical and Bioanalytical Chemistry, 2004, 378, 1428-1448.	3.7	103
5	Discovery of Novel Human Histamine H4 Receptor Ligands by Large-Scale Structure-Based Virtual Screening. Journal of Medicinal Chemistry, 2008, 51, 3145-3153.	6.4	97
6	Acidâ^'Base Profiling of Imatinib (Gleevec) and Its Fragments. Journal of Medicinal Chemistry, 2005, 48, 249-255.	6.4	92
7	Determination of dissociation constants of folic acid, methotrexate, and other photolabile pteridines by pressure-assisted capillary electrophoresis. Electrophoresis, 2006, 27, 3399-3409.	2.4	82
8	Characterisation of reversed-phase liquid chromatographic columns by chromatographic tests. Evaluation of 36 test parameters: repeatability, reproducibility and correlation. Journal of Chromatography A, 2002, 977, 39-58.	3.7	77
9	Population, Acidâ^'Base, and Redox Properties ofN-Acetylcysteine Conformers. Journal of Medicinal Chemistry, 2000, 43, 2176-2182.	6.4	74
10	Characterisation of reversed-phase liquid chromatographic columns by chromatographic testsRational column classification by a minimal number of column test parameters. Journal of Chromatography A, 2003, 1012, 11-29.	3.7	70
11	Protonation microequilibrium treatment of polybasic compounds with any possible symmetry. Journal of Mathematical Chemistry, 1999, 26, 139-155.	1.5	64
12	Electrodeless, accurate pH determination in highly basic media using a new set of 1H NMR pH indicators. Journal of Pharmaceutical and Biomedical Analysis, 2011, 54, 958-964.	2.8	61
13	Phenolic profiling of various olive bark-types and leaves: HPLCâ€“ESI/MS study. Industrial Crops and Products, 2015, 67, 432-438.	5.2	58
14	Characterisation of reversed-phase liquid-chromatographic columns by chromatographic tests. Journal of Chromatography A, 2004, 1025, 189-200.	3.7	57
15	Group constant: A measure of submolecular basicity. The Journal of Physical Chemistry, 1986, 90, 4104-4110.	2.9	56
16	Temporal Metabonomic Modeling of <scp>l</scp>-Arginine-Induced Exocrine Pancreatitis. Journal of Proteome Research, 2008, 7, 4435-4445.	3.7	55
17	Cyclodextrin/imatinib complexation: Binding mode and charge dependent stabilities. European Journal of Pharmaceutical Sciences, 2007, 30, 167-174.	4.0	53
18	Separation and characterization of modified pregabalins in terms of cyclodextrin complexation, using capillary electrophoresis and nuclear magnetic resonance. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 842-852.	2.8	51

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19	Facilitated column selection in pharmaceutical analyses using a simple column classification system. Journal of Chromatography A, 2006, 1101, 103-114.	3.7	48
20	Rota-microspeciation of aspartic acid and asparagine. Analytical Chemistry, 1989, 61, 2631-2637.	6.5	47
21	Chiral separation of asenapine enantiomers by capillary electrophoresis and characterization of cyclodextrin complexes by NMR spectroscopy, mass spectrometry and molecular modeling. Journal of Pharmaceutical and Biomedical Analysis, 2016, 117, 398-404.	2.8	47
22	Microscopic Protonation/Deprotonation Equilibria of the Anti-Inflammatory Agent Piroxicam. Helvetica Chimica Acta, 1995, 78, 553-562.	1.6	46
23	Species-Specific Standard Redox Potential of Thiol-Disulfide Systems: A Key Parameter to Develop Agents against Oxidative Stress. Scientific Reports, 2016, 6, 37596.	3.3	45
24	A unified view of carbon bound hydrogen exchange of H(2) in imidazoles and H(8) in purine nucleosides and their metal ion complexes. Journal of the American Chemical Society, 1982, 104, 1078-1081.	13.7	44
25	Binding mode analysis and enrichment studies on homology models of the human histamine H4 receptor. European Journal of Medicinal Chemistry, 2008, 43, 1059-1070.	5.5	43
26	Nitrogen-protonation microequilibria and C(2)-deprotonation microkinetics of histidine, histamine, and related compounds. The Journal of Physical Chemistry, 1991, 95, 4761-4765.	2.9	41
27	Triprotic site-specific acidâ€“base equilibria and related properties of fluoroquinolone antibacterials. Journal of Pharmaceutical and Biomedical Analysis, 2012, 66, 50-57.	2.8	41
28	Microspeciation of polypeptides. The Journal of Physical Chemistry, 1986, 90, 6345-6349.	2.9	40
29	Determination of Conformer-Specific Partition Coefficients in Octanol/Water Systems. Journal of Medicinal Chemistry, 2003, 46, 2241-2245.	6.4	40
30	Microscopic Protonation Equilibria of Oxidized Glutathione. Journal of Physical Chemistry B, 2003, 107, 5074-5080.	2.6	40
31	Characterization of antioxidant phenolics in Syringa vulgaris L. flowers and fruits by HPLCâ€ĐADâ€ESIâ€MS. Biomedical Chromatography, 2016, 30, 923-932.	1.7	40
32	Classification of reversed-phase columns based on their selectivity towards vancomycin compounds. Talanta, 2007, 71, 31-37.	5.5	37
33	The small molecule AUTEN-99 (autophagy enhancer-99) prevents the progression of neurodegenerative symptoms. Scientific Reports, 2017, 7, 42014.	3.3	37
34	Chiral separation of lenalidomide by liquid chromatography on polysaccharideâ€type stationary phases and by capillary electrophoresis using cyclodextrin selectors. Journal of Separation Science, 2018, 41, 1414-1423.	2.5	37
35	Determination of rotamer populations and related parameters from NMR coupling constants: a critical review. Analytical and Bioanalytical Chemistry, 2004, 378, 1449-1463.	3.7	35
36	Drug delivery: A process governed by species-specific lipophilicities. European Journal of Pharmaceutical Sciences, 2014, 62, 96-104.	4.0	35

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37	Physicochemical Profiling of Baicalin Along with the Development and Characterization of Cyclodextrin Inclusion Complexes. AAPS PharmSciTech, 2019, 20, 314.	3.3	35
38	Lipophilicity of vinpocetine and related compounds characterized by reversed-phase thin-layer chromatography. Journal of Chromatography A, 2003, 996, 195-203.	3.7	34
39	Novel amino acid-based polymers for pharmaceutical applications. Polymer Bulletin, 2007, 59, 311-318.	3.3	34
40	Characterization of aspartameâ€“cyclodextrin complexation. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 737-745.	2.8	33
41	Three methods to characterize reversed phase liquid chromatographic columns applied to pharmaceutical separations. Journal of Chemometrics, 2008, 22, 178-185.	1.3	32
42	Chiral recognition of imperanene enantiomers by various cyclodextrins: A capillary electrophoresis and <scp>NMR</scp> spectroscopy study. Electrophoresis, 2012, 33, 1458-1464.	2.4	30
43	Characterization of calcified deposits on contraceptive intrauterine devices. Contraception, 1998, 58, 305-308.	1.5	29
44	Separation of vinca alkaloid enantiomers by capillary electrophoresis applying cyclodextrin derivatives and characterization of cyclodextrin complexes by nuclear magnetic resonance spectroscopy. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 1258-1266.	2.8	29
45	The complete microspeciation of arginine and citrulline. Journal of Pharmaceutical and Biomedical Analysis, 2011, 54, 965-971.	2.8	28
46	Equilibrium and structural characterization of ofloxacinâ€“cyclodextrin complexation. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 77, 291-300.	1.6	28
47	Advances in microspeciation of drugs and biomolecules: Species-specific concentrations, acid-base properties and related parameters. Journal of Pharmaceutical and Biomedical Analysis, 2016, 130, 390-403.	2.8	28
48	Physico-Chemical Profiling of Antidepressive Sertraline: Solubility,Ionisation, Lipophilicity. Medicinal Chemistry, 2006, 2, 385-389.	1.5	27
49	Chiral separation of rasagiline using sulfobutyletherâ€²â€cyclodextrin: capillary electrophoresis, NMR and molecular modeling study. Electrophoresis, 2019, 40, 1897-1903.	2.4	27
50	Column selection for pharmaceutical analyses based on a column classification using four test parameters. Journal of Pharmaceutical and Biomedical Analysis, 2007, 44, 894-905.	2.8	26
51	Chiral recognition of dapoxetine enantiomers with methylated-gamma-cyclodextrin: A validated capillary electrophoresis method. Journal of Pharmaceutical and Biomedical Analysis, 2012, 62, 42-47.	2.8	26
52	Microscopic acidâ€“base equilibria of a synthetic hydroxamate siderophore analog, piperazine-1,4-bis(N-methylacetohydroxamic acid). Journal of the Chemical Society Perkin Transactions II, 1997, , 1977-1983.	0.9	24
53	Synthesis of hybrids between the alkaloids rutaecarpine and luotonins A, B. Tetrahedron Letters, 2008, 49, 4937-4940.	1.4	24
54	Rota-microspeciation of serine, cysteine, and selenocysteine. The Journal of Physical Chemistry, 1991, 95, 9609-9614.	2.9	23

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55	Determination of enantiomeric purity by simultaneous dual circular dichroism and ultraviolet spectroscopy. Talanta, 1997, 44, 1479-1485.	5.5	23
56	Evaluation of the interaction between sitagliptin and cyclodextrin derivatives by capillary electrophoresis and nuclear magnetic resonance spectroscopy. Electrophoresis, 2011, 32, 2648-2654.	2.4	23
57	The species- and site-specific acidâ€“base properties of biological thiols and their homodisulfides. Journal of Pharmaceutical and Biomedical Analysis, 2014, 95, 184-192.	2.8	23
58	Conformer-Specific Partition Coefficient:â€‰ Theory and Determination. Journal of Physical Chemistry B, 2002, 106, 1066-1068.	2.6	21
59	Local tissue effects of copper-containing intrauterine devices. Fertility and Sterility, 2003, 80, 1281-1283.	1.0	21
60	Species-specific lipophilicity of thyroid hormones and their precursors in view of their membrane transport properties. Journal of Pharmaceutical and Biomedical Analysis, 2013, 76, 112-118.	2.8	21
61	Liquid chromatography with mass spectrometry enantioseparation of pomalidomide on cyclodextrinâ€bonded chiral stationary phases and the elucidation of the chiral recognition mechanisms by NMR spectroscopy and molecular modeling. Journal of Separation Science, 2016, 39, 2941-2949.	2.5	21
62	Zwitterions Can Be Predominant in Membrane Penetration of Drugs: Experimental Proof. Journal of Medicinal Chemistry, 2012, 55, 6942-6947.	6.4	20
63	Stereoselective interactions and liquid chromatographic enantioseparation of thalidomide on cyclodextrin-bonded stationary phases. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 85, 227-236.	1.6	20
64	Chiral separation of lansoprazole and rabeprazole by capillary electrophoresis using dual cyclodextrin systems. Electrophoresis, 2019, 40, 2799-2805.	2.4	20
65	Application of an improved column characterisation system to evaluate the within and between batch variability. Journal of Pharmaceutical and Biomedical Analysis, 2007, 44, 634-639.	2.8	19
66	Chiral Separation of Uncharged Pomalidomide Enantiomers Using Carboxymethylâ€Î²â€Cyclodextrin: A Validated Capillary Electrophoretic Method. Chirality, 2016, 28, 199-203.	2.6	19
67	Comparison of two column characterisation systems based on pharmaceutical applications. Journal of Chromatography A, 2008, 1189, 59-71.	3.7	18
68	Lipophilicity of zwitterions and related species: A new insight. European Journal of Pharmaceutical Sciences, 2011, 44, 68-73.	4.0	18
69	Endogenous enzyme-hydrolyzed fruit of Cirsium brachycephalum: Optimal source of the antiproliferative lignan trachelogenin regulating the Wnt/Î²-Catenin signaling pathway in the SW480 colon adenocarcinoma cell line. FÃ¬toterapÃ¬Â¢, 2015, 100, 19-26.	2.2	18
70	Enantioseparation of racecadotril using polysaccharideâ€type chiral stationary phases in polar organic mode. Chirality, 2018, 30, 95-105.	2.6	18
71	Phenolic composition, antioxidant and antinociceptive activities of Syringa vulgaris L. bark and leaf extracts. Natural Product Research, 2019, 33, 1664-1669.	1.8	18
72	Triprotic acidâ€“base microequilibria and pharmacokinetic sequelae of cetirizine. European Journal of Pharmaceutical Sciences, 2009, 37, 321-328.	4.0	17

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73	The comprehensive acidâ€“base characterization of glutathione. Chemical Physics Letters, 2015, 622, 50-56.	2.6	17
74	Characterization of the macroscopic and microscopic acid-base chemistry of the native disulfide and reduced dithiol forms of oxytocin, arginine-vasopressin, and related peptides. Journal of Organic Chemistry, 1992, 57, 2327-2334.	3.2	16
75	Sulfate esters of morphine derivatives: Synthesis and characterization. European Journal of Pharmaceutical Sciences, 2011, 42, 65-72.	4.0	16
76	Lipophilicity of morphine microspecies and their contribution to the lipophilicity profile. European Journal of Pharmaceutical Sciences, 2012, 45, 205-210.	4.0	16
77	Solution-state NMR spectroscopy of famotidine revisited: spectral assignment, protonation sites, and their structural consequences. Analytical and Bioanalytical Chemistry, 2012, 402, 1653-1666.	3.7	16
78	Physicochemical Characterization and Cyclodextrin Complexation of the Anticancer Drug Lapatinib. Journal of Chemistry, 2017, 2017, 1-9.	1.9	16
79	Advances in the Physicochemical Profiling of Opioid Compounds of Therapeutic Interest. ChemistryOpen, 2019, 8, 879-887.	1.9	16
80	Reversedâ€phase HPLC enantioseparation of pantoprazole using a teicoplanin aglycone stationary phaseâ€”Determination of the enantiomer elution order using HPLCâ€CD analyses. Chirality, 2020, 32, 158-167.	2.6	16
81	Molecular interactions in imatinibâ€“DPPC liposomes. European Journal of Pharmaceutical Sciences, 2006, 27, 205-211.	4.0	15
82	Novel 6Î²-acylaminomorphinans with analgesic activity. European Journal of Medicinal Chemistry, 2013, 69, 786-789.	5.5	15
83	Biorelevant physicochemical profiling of (E)- and (Z)-resveratrol determined from isomeric mixtures. Journal of Pharmaceutical and Biomedical Analysis, 2017, 138, 322-329.	2.8	15
84	Proton speciation and microspeciation of vinpocetine and related compounds in aqueous and biomimetic media. Pharmaceutical Research, 1999, 16, 1757-1763.	3.5	14
85	Metabonomic investigations into the global biochemical sequelae of exposure to the pancreatic toxin 1â€cyanoâ€2â€hydroxyâ€3â€butene in the rat. Magnetic Resonance in Chemistry, 2009, 47, S26-35.	1.9	14
86	Physicochemical characterisation and cyclodextrin complexation of erlotinib. Supramolecular Chemistry, 2016, 28, 656-664.	1.2	14
87	Protonation and Î²-cyclodextrin complex formation equilibria of fluconazole. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 84, 189-196.	1.6	14
88	Validated capillary electrophoretic method for the enantiomeric quality control of Râ€praziquantel. Electrophoresis, 2017, 38, 1886-1894.	2.4	14
89	Resolution of carboxylate protonation microequilibria of NTA, EDTA and related complexones. Talanta, 2008, 74, 666-674.	5.5	13
90	Proton Speciation and Microspeciation of Serotonin and 5â€Hydroxytryptophan. Chemistry and Biodiversity, 2009, 6, 578-590.	2.1	13

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91	Identification and quantification of lignans and sesquilignans in the fruits of Cnicus benedictus L.: Quantitative chromatographic and spectroscopic approaches. Microchemical Journal, 2014, 114, 238-246.	4.5	13
92	Species-specific lipophilicity of morphine antagonists. European Journal of Pharmaceutical Sciences, 2015, 78, 1-7.	4.0	13
93	Characterization of lactateâ€“guanidinium and lactateâ€“lactate interactions in aqueous solution by spectropolarimetry. Journal of the Chemical Society Perkin Transactions II, 1996, , 1419-1422.	0.9	12
94	Thyroxine lipophilicity is dominated by its zwitterionic microspecies. European Journal of Pharmaceutical Sciences, 2012, 47, 921-925.	4.0	12
95	The site-specific basicity of thyroid hormones and their precursors as regulators of their biological functions. Journal of Pharmaceutical and Biomedical Analysis, 2012, 61, 156-164.	2.8	12
96	Site-specific basicities regulate molecular recognition in receptor binding: in silico docking of thyroid hormones. European Biophysics Journal, 2013, 42, 721-730.	2.2	12
97	A simple and effective enrichment process of the antiproliferative lignan arctigenin based on the endogenous enzymatic hydrolysis of Serratula tinctoria and Arctium lappa fruits. Process Biochemistry, 2015, 50, 2281-2288.	3.7	12
98	A cost-effective synthesis of enantiopure ovothiol A from L-histidine, its natural precursor. Arkivoc, 2015, 2014, 1-9.	0.5	12
99	Effect of long-term storage and use on the properties of reversed-phase liquid chromatographic columns. Talanta, 2008, 76, 172-182.	5.5	11
100	The complete microspeciation of ovothiol A, the smallest octafarious antioxidant biomolecule. Analytical and Bioanalytical Chemistry, 2014, 406, 2377-2387.	3.7	11
101	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. Journal of Pharmaceutical and Biomedical Analysis, 2015, 112, 155-168.	2.8	11
102	Identification and isolation of new neolignan and sesquineolignan species: Their acid-catalyzed ring closure and specific accumulation in the fruit wall of Cirsium eriophorum (L.) Scop.. Process Biochemistry, 2015, 50, 853-858.	3.7	11
103	Physico-chemical profiling of semisynthetic opioids. Journal of Pharmaceutical and Biomedical Analysis, 2017, 135, 97-105.	2.8	11
104	Dopamine: Acid-base properties and membrane penetration capacity. Journal of Pharmaceutical and Biomedical Analysis, 2018, 158, 346-350.	2.8	11
105	Concentration and basicity of histamine rotamers. Perkin Transactions II RSC, 2002, , 914-917.	1.1	10
106	NMR analysis, protonation equilibria and decomposition kinetics of tolperisone. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 718-723.	2.8	10
107	Separation and Determination of Quinolone Antibacterials by Capillary Electrophoresis. Journal of Chromatographic Science, 2014, 52, 919-925.	1.4	10
108	Species-Specific Thiolâ€“Disulfide Equilibrium Constant: A Tool To Characterize Redox Transitions of Biological Importance. Journal of Physical Chemistry B, 2015, 119, 10191-10197.	2.6	10

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109	Species-specific thiol-disulfide equilibrium constants of ovothiol A and penicillamine with glutathione. RSC Advances, 2016, 6, 26757-26764.	3.6	10
110	Physicochemical Properties of Zwitterionic Drugs in Therapy. ChemMedChem, 2020, 15, 1102-1110.	3.2	10
111	Deconvolution of Composite Chromatographic Peaks by Simultaneous Dual Detections. Journal of Chromatographic Science, 2000, 38, 425-429.	1.4	9
112	Physico-chemical characterization of a novel group of dopamine D3/D2 receptor ligands, potential atypical antipsychotic agents. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 678-684.	2.8	9
113	Enhancing effect of zinc on astroglial and cerebral endothelial histamine uptake 1 1Abbreviations: HA, histamine; FCS, fetal calf serum; MEM, minimal essential medium; and NEM, N-ethylmaleimide.. Biochemical Pharmacology, 2001, 62, 1491-1500.	4.4	8
114	Cyclodextrin complexation improves aqueous solubility of the antiepileptic drug, rufinamide: solution and solid state characterization of compound-cyclodextrin binary systems. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2017, 88, 43-52.	1.6	8
115	Physicochemical and Pharmacological Characterization of Permanently Charged Opioids. Current Medicinal Chemistry, 2017, 24, 3633-3648.	2.4	8
116	Chemodiversity of Cirsium fruits: Antiproliferative lignans, neolignans and sesquineolignans as chemotaxonomic markers. FÃ¬toterapÃ¬Ã¢, 2018, 127, 413-419.	2.2	8
117	Characterization of potential NMDA and cholecystokinin antagonists I. Acidâ€“base properties of 2-methyl-4-oxo-3H-quinazoline-3-alkyl-carboxylic acids at the molecular and submolecular levels. International Journal of Pharmaceutics, 1999, 180, 1-11.	5.2	7
118	Determination of Peak Homogeneity by Dual Detection. Analytical Chemistry, 1999, 71, 1500-1503.	6.5	7
119	Capillary electrophoresis separation of vinpocetine and related compounds: Prediction of electrophoretic mobilities in partly aqueous media. Electrophoresis, 2000, 21, 2417-2423.	2.4	7
120	Siteâ€Specific Acidâ€“Base Properties of Tenoxicam. Helvetica Chimica Acta, 2007, 90, 1681-1690.	1.6	7
121	Complete resolution of the microscopic protonation equilibria of N-methyl-d-aspartic acid and related compounds. Journal of Pharmaceutical and Biomedical Analysis, 2007, 43, 1306-1314.	2.8	7
122	NMR analysis and site-specific protonation constants of streptomycin. Journal of Pharmaceutical and Biomedical Analysis, 2012, 59, 78-82.	2.8	7
123	The complete microspeciation of ovothiol A disulfide: A hexabasic symmetric biomolecule. Journal of Pharmaceutical and Biomedical Analysis, 2015, 107, 209-216.	2.8	7
124	Galls of European Fraxinus trees as new and abundant sources of valuable phenylethanoid and coumarin glycosides. Industrial Crops and Products, 2019, 139, 111517.	5.2	7
125	Characterization of Ester Hydrolysis in Terms of Microscopic Rate Constants. Journal of Physical Chemistry B, 2006, 110, 14507-14514.	2.6	6
126	Site-specific protonation microequilibria of penicillin and cephalosporin beta-lactam core molecules. European Journal of Pharmaceutical Sciences, 2007, 32, 1-7.	4.0	6

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127	Bioisosteric hybrids of two anti-inflammatory agents, rutaecarpine and piroxicam. Tetrahedron Letters, 2008, 49, 5711-5713.	1.4	6
128	Preparation of benzoate esters of morphine and its derivatives. Monatshefte FÃ¼r Chemie, 2012, 143, 1431-1440.	1.8	6
129	Characterization of enzyme-catalysed endogenous Î²-hydroxylation of phenylethanoid glycosides in Euphrasia rostkoviana Hayne at the molecular level. Process Biochemistry, 2014, 49, 1533-1537.	3.7	6
130	Optimized conversion of antiproliferative lignans pinoresinol and epipinoresinol: Their simultaneous isolation and identification by centrifugal partition chromatography and high performance liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1052, 142-149.	2.3	6
131	NMR-Based Determination of pH, Free of Electrodes and Reference Compounds. Analytical Chemistry, 2018, 90, 12075-12080.	6.5	6
132	The species-specific acid-base and multinuclear magnetic resonance properties of selenocysteamine, selenocysteine, and their homodiselenides. Chemical Physics Letters, 2020, 741, 137076.	2.6	6
133	Species-Specific, pH-Independent, Standard Redox Potential of Selenocysteine and Selenocysteamine. Antioxidants, 2020, 9, 465.	5.1	6
134	The effect of solvents on protonation equilibria of corticotropin (ACTH) fragments. Inorganica Chimica Acta, 1980, 46, 229-234.	2.4	5
135	Acidâ€base properties of thymopoietinâ€type triâ€and tetrapeptides and their derivatives. International Journal of Peptide and Protein Research, 1991, 38, 139-145.	0.1	5
136	New opioid receptor antagonist: Naltrexone-14-O-sulfate synthesis and pharmacology. European Journal of Pharmacology, 2017, 809, 111-121.	3.5	5
137	Species-Specific Hydrolysis Kinetics ofN-Methylated Heroin Derivatives. Helvetica Chimica Acta, 2000, 83, 364-372.	1.6	4
138	Selecting a Suitable LC Column for Pharmaceutical Separations using a Column Characterisation System. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 747-771.	1.0	4
139	Glucosides of morphine derivatives: synthesis and characterization. Monatshefte FÃ¼r Chemie, 2013, 144, 255-262.	1.8	4
140	The Site-specific Protonation Constants of Spectinomycin, Characterized by ¹H and ¹⁵N NMR Methods. Current Pharmaceutical Analysis, 2014, 11, 4-10.	0.6	4
141	Determination of pH-independent rate constants of thiolateâ€“disulfide redox transitions. New Journal of Chemistry, 2018, 42, 11653-11659.	2.8	4
142	IMPRINTING EFFECTS OF THREE AMINO ACIDS (ALANINE, LYSINE AND GLYCINE) AND THEIR OLIGOPEPTIDES INTETRAHYMENA PYRIFORMIS. DATA FROM THE HORMONE AND HORMONE RECEPTOR EVOLUTION. Cell Biology International, 1996, 20, 339-342.	3.0	3
143	Neighbor Group Hydration Effects on Carboxylate Basicities in Partly Aqueous Solutions. Journal of Solution Chemistry, 2005, 34, 1227-1233.	1.2	3
144	Finding an Alternative Column for the Separation of Antibiotics on XTerra RP using a Column Classification System. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 1081-1103.	1.0	3

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145	Novel ion-binding C3 symmetric tripodal triazoles: synthesis and characterization. Open Chemistry, 2014, 12, 115-125.	1.9	3
146	The species- and site-specific acidâ€“base properties of penicillamine and its homodisulfide. Chemical Physics Letters, 2014, 610-611, 62-69.	2.6	3
147	Enzyme-hydrolyzed Fruit of Jurinea mollis: A Rich Source of (-)-(8R,8â€²R)-Arctigenin. Natural Product Communications, 2016, 11, 1934578X1601101.	0.5	3
148	Site- and species-specific hydrolysis rates of heroin. European Journal of Pharmaceutical Sciences, 2016, 89, 105-114.	4.0	3
149	Characterization of the species-specific acid-base equilibria of adrenaline and noradrenaline. Journal of Pharmaceutical and Biomedical Analysis, 2019, 170, 215-219.	2.8	3
150	Tissue-Specific Accumulation and Isomerization of Valuable Phenylethanoid Glycosides from Plantago and Forsythia Plants. International Journal of Molecular Sciences, 2021, 22, 3880.	4.1	3
151	Î²-cyclodextrin complex formation and protonation equilibria of morphine and other opioid compounds of therapeutic interest. European Journal of Pharmaceutical Sciences, 2022, 171, 106120.	4.0	3
152	Close correlation between thiolate basicity and certain NMR parameters in cysteine and cystine microspecies. PLoS ONE, 2022, 17, e0264866.	2.5	3
153	Novel Chemical Transformations of Tenoxicam. Helvetica Chimica Acta, 2005, 88, 2355-2363.	1.6	2
154	Population, basicity and partition of short-lived conformers. Characterization of baclofen and pregabalin, the biaxial, doubly rotating drug molecules. European Journal of Pharmaceutical Sciences, 2018, 123, 327-334.	4.0	2
155	Selenateâ€”An internal chemical shift standard for aqueous ⁷⁷Se NMR spectroscopy. Magnetic Resonance in Chemistry, 2022, 60, 148-156.	1.9	2
156	1H-NMR studies on thymopoietin-type oligopeptides â€” assignment of the proton resonances and investigation of conformational preferences. Journal of Pharmaceutical and Biomedical Analysis, 1993, 11, 541-547.	2.8	1
157	Substituent dependent fluorescence response of diazacrown-based PET sensors. Tetrahedron, 2008, 64, 6191-6195.	1.9	1
158	Synthetic and quantum chemical study on the regioselective addition of amines to methyl maleamate. Journal of Molecular Modeling, 2013, 19, 3683-3694.	1.8	1
159	Physicochemical Profiling of Î±â€Lipoic Acid and Related Compounds. Chemistry and Biodiversity, 2016, 13, 861-869.	2.1	1
160	Passive Membrane Penetration of the Serotonin Precursor 5â€Hydroxytryptophan is Controlled by Its Zwitterion. Chemistry and Biodiversity, 2017, 14, e1700162.	2.1	1
161	Site- and species-specific hydrolysis rates of cocaine. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 372-378.	2.8	1
162	Characterization of the Siteâ€Specific Acidâ€Base Equilibria of 3â€Nitrotyrosine. Chemistry and Biodiversity, 2019, 16, e1900358.	2.1	1

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163	Solution Structure and Acidâ€Base Properties of Reduced Î±â€Conotoxin MI. Chemistry and Biodiversity, 2021, 18, e2100464.	2.1	1
164	Determination of Rotamer Populations and Related Parameters from NMR Coupling Constants. ChemInform, 2004, 35, no.	0.0	0