IstvÃ¡n Ilisz

List of Publications by Year in descending order

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114 papers	2,872 citations	218592 26 h-index	214721 47 g-index
116 all docs	116 docs citations	116 times ranked	2317 citing authors

#	Article	IF	Citations
1	Analytical Methodologies for the Characterization and Analysis of the Parent Compound and Phase I Metabolites of 4F-MDMB-BICA in Human Microsome, Urine and Blood Samples. Journal of Analytical Toxicology, 2022, 46, 135-145.	1.7	12
2	Enantioselective high-performance liquid chromatographic separation of fluorinated ÃŸ-phenylalanine derivatives utilizing Cinchona alkaloid-based ion-exchanger chiral stationary phases. Journal of Chromatography A, 2022, 1670, 462974.	1.8	2
3	Enantiomeric separation of newly synthesized amino, thio, and oxy derivatives of monoterpene lactones, amides, and ester applying polysaccharide-based chiral stationary phases in normal-phase mode. Journal of Chromatography A, 2022, 1672, 463050.	1.8	5
4	Macrocyclic glycopeptides- and derivatized cyclofructan-based chiral stationary phases for the enantioseparation of fluorinated ÃŸ-phenylalanine analogs. Journal of Pharmaceutical and Biomedical Analysis, 2022, 219, 114912.	1.4	4
5	Polysaccharide-based chiral stationary phases as efficient tools for diastereo- and enantioseparation of natural and synthetic Cinchona alkaloid analogs. Journal of Pharmaceutical and Biomedical Analysis, 2021, 193, 113724.	1.4	11
6	High-performance liquid chromatographic evaluation of strong cation exchanger-based chiral stationary phases focusing on stationary phase characteristics and mobile phase effects employing enantiomers of tetrahydro-ÃŸ-carboline and 1,2,3,4-tetrahydroisoquinoline analogs. Journal of Chromatography A, 2021, 1644, 462121.	1.8	3
7	Enantioselective Liquid Chromatographic Separations Using Macrocyclic Glycopeptide-Based Chiral Selectors. Molecules, 2021, 26, 3380.	1.7	22
8	Cinchona â€alkaloidâ€based zwitterionic chiral stationary phases as potential tools for highâ€performance liquid chromatographic enantioseparation of cationic compounds of pharmaceutical relevance. Journal of Separation Science, 2021, 44, 2735-2743.	1.3	1
9	Liquid Chromatographic Enantioseparations Utilizing Chiral Stationary Phases Based on Crown Ethers and Cyclofructans. Molecules, 2021, 26, 4648.	1.7	17
10	Unexpected effects of mobile phase solvents and additives on retention and resolution of N-acyl-D,L-leucine applying Cinchonane-based chiral ion exchangers. Journal of Chromatography A, 2021, 1648, 462212.	1.8	7
11	Enantioseparation of ÃŸ-amino acids by liquid chromatography using core-shell chiral stationary phases based on teicoplanin and teicoplanin aglycone. Journal of Chromatography A, 2021, 1653, 462383.	1.8	7
12	SZR-104, a Novel Kynurenic Acid Analogue with High Permeability through the Bloodâ€“Brain Barrier. Pharmaceutics, 2021, 13, 61.	2.0	11
13	Enantioselective resolution of biologically active dipeptide analogs by high-performance liquid chromatography applying Cinchona alkaloid-based ion-exchanger chiral stationary phases. Journal of Chromatography A, 2020, 1611, 460574.	1.8	12
14	Liquid chromatographic resolution of natural and racemic Cinchona alkaloid analogues using strong cation- and zwitterion ion-exchange type stationary phases. Qualitative evaluation of stationary phase characteristics and mobile phase effects on stereoselectivity and retention. Journal of Chromatography A, 2020, 1609, 460498.	1.8	7
15	Enantioseparation of ÃŸ-carboline, tetrahydroisoquinoline and benzazepine analogues of pharmaceutical importance: Utilization of chiral stationary phases based on polysaccharides and sulfonic acid modified Cinchonaalkaloids in high-performance liquid and subcritical fluid chromatography. Journal of Chromatography A, 2020, 1615, 460771.	1.8	6
16	Heart-cutting two-dimensional liquid chromatography coupled to quadrupole-orbitrap high resolution mass spectrometry for determination of N,N-dimethyltryptamine in rat plasma and brain; Method development and application. Journal of Pharmaceutical and Biomedical Analysis, 2020, 191, 113615.	1.4	5
17	High-performance liquid chromatographic enantioseparation of isopulegol-based ÃŸ-amino lactone and ÃŸ-amino amide analogs on polysaccharide-based chiral stationary phases focusing on the change of the enantiomer elution order. Journal of Chromatography A, 2020, 1621, 461054.	1.8	11
18	Cyclodextrinâ€mediated capillary electrophoresis enantioseparation of dansylated Î²â€amino acids with bicyclo[2.2.2]octane, bicyclo[3.1.1]heptane and cyclopenta[d][1,2]oxazole core structures. Electrophoresis, 2019, 40, 1931-1940.	1.3	7

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19	Highâ€performance liquid chromatographic and subcritical fluid chromatographic separation of Î±â€arylated ÃŸâ€carboline, N â€alkylated tetrahydroisoquinolines and their bioisosteres on polysaccharideâ€based chiral stationary phases. Journal of Separation Science, 2019, 42, 2779-2787.	1.3	5
20	Cinchona Alkaloid-Based Zwitterionic Chiral Stationary Phases Applied for Liquid Chromatographic Enantiomer Separations: An Overview. Methods in Molecular Biology, 2019, 1985, 251-277.	0.4	5
21	High-Performance Liquid Chromatography Enantioseparations Using Macrocyclic Glycopeptide-Based Chiral Stationary Phases: An Overview. Methods in Molecular Biology, 2019, 1985, 201-237.	0.4	7
22	Chiral highâ€performance liquid and supercritical fluid chromatographic enantioseparations of limoneneâ€based bicyclic aminoalcohols and aminodiols on polysaccharideâ€based chiral stationary phases. Biomedical Chromatography, 2019, 33, e4517.	0.8	5
23	Effects of N-methylation and amidination of cyclic Î²-amino acids on enantioselectivity and retention characteristics using Cinchona alkaloid- and sulfonic acid-based chiral zwitterionic stationary phases. Journal of Chromatography A, 2018, 1535, 72-79.	1.8	10
24	Comparative study on the liquid chromatographic enantioseparation of cyclic Î²â€amino acids and the related cyclic Î²â€aminohydroxamic acids on Cinchona alkaloidâ€based zwitterionic chiral stationary phases. Journal of Separation Science, 2018, 41, 1216-1223.	1.3	14
25	Exploring the enantiorecognition mechanism of Cinchona alkaloidâ€based zwitterionic chiral stationary phases and the basic transâ€paroxetine enantiomers. Journal of Separation Science, 2018, 41, 1199-1207.	1.3	15
26	Liquid chromatographic enantiomer separations applying chiral ion-exchangers based on Cinchona alkaloids. Journal of Pharmaceutical and Biomedical Analysis, 2018, 159, 127-152.	1.4	48
27	Dedicated comparisons of diverse polysaccharide- and zwitterionic Cinchona alkaloid-based chiral stationary phases probed with basic and ampholytic indole analogs in liquid and subcritical fluid chromatography mode. Journal of Chromatography A, 2018, 1563, 180-190.	1.8	10
28	The establishment of tocopherol reference intervals for Hungarian adult population using a validated HPLC method. Biomedical Chromatography, 2017, 31, e3953.	0.8	7
29	Liquid and subcritical fluid chromatographic enantioseparation of N^{Î±}â€Fmoc proteinogenic amino acids on Quinidineâ€based zwitterionic and anionâ€exchanger type chiral stationary phases. A comparative study. Chirality, 2017, 29, 225-238.	1.3	12
30	Liquid chromatographic enantioseparation of limoneneâ€based carbocyclic Î²â€amino acids on zwitterionic Cinchona alkaloidâ€based chiral stationary phases. Journal of Separation Science, 2017, 40, 3196-3204.	1.3	7
31	Liquid chromatographic enantioseparation of carbocyclic Î²-amino acids possessing limonene skeleton on macrocyclic glycopeptide-based chiral stationary phases. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 119-126.	1.4	15
32	A Comparative Study of Enantioseparations of NÎ±-Fmoc Proteinogenic Amino Acids on Quinine-Based Zwitterionic and Anion Exchanger-Type Chiral Stationary Phases under Hydro-Organic Liquid and Subcritical Fluid Chromatographic Conditions. Molecules, 2016, 21, 1579.	1.7	12
33	Highâ€performance liquid chromatographic enantioseparation of fluorinated cyclic Î²³â€amino acid derivatives on polysaccharideâ€based chiral stationary phases. Comparison with nonfluorinated counterparts. Biomedical Chromatography, 2016, 30, 1441-1448.	0.8	5
34	Combinatorial effects of the configuration of the cationic and the anionic chiral subunits of four zwitterionic chiral stationary phases leading to reversal of elution order of cyclic Î²-amino acid enantiomers as ampholytic model compounds. Journal of Chromatography A, 2016, 1467, 178-187.	1.8	19
35	Mechanistic considerations of enantiorecognition on novel Cinchona alkaloid-based zwitterionic chiral stationary phases from the aspect of the separation of trans-paroxetine enantiomers as model compounds. Journal of Pharmaceutical and Biomedical Analysis, 2016, 124, 164-173.	1.4	39
36	High-performance liquid chromatographic enantioseparation of cyclic Î²-aminohydroxamic acids on zwitterionic chiral stationary phases based on Cinchona alkaloids. Analytica Chimica Acta, 2016, 921, 84-94.	2.6	20

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37	Enantioseparation of ÃŸ-carboline derivatives on polysaccharide- and strong cation exchanger-based chiral stationary phases. A comparative study. Journal of Chromatography A, 2016, 1467, 188-198.	1.8	10
38	Ultraâ€trace Analysis of Enantiomeric Impurities in Proteinogenic Nâ€Fmocâ€Aminoâ€acid Samples on Cinchona Alkaloidâ€based Chiral Stationary Phases. Israel Journal of Chemistry, 2016, 56, 1042-1051.	1.0	8
39	State-of-the-art enantioseparations of natural and unnatural amino acids by high-performance liquid chromatography. TrAC - Trends in Analytical Chemistry, 2016, 81, 11-22.	5.8	83
40	Comparison of the Separation Performances of Cinchona Alkaloid-Based Zwitterionic Stationary Phases in the Enantioseparation of Î²2- and Î²3-Amino Acids. Molecules, 2015, 20, 70-87.	1.7	16
41	Highâ€performance liquid chromatographic enantioseparation of amino alcohol analogues possessing 1,2,3,4â€tetrahydroisoquinoline skeleton on polysaccharideâ€based chiral stationary phases. Biomedical Chromatography, 2015, 29, 788-796.	0.8	5
42	Highâ€Performance Liquid Chromatographic Enantioseparation of Cyclic Î²â€Amino Acids on Zwitterionic Chiral Stationary Phases Based on Cinchona Alkaloids. Chirality, 2015, 27, 563-570.	1.3	16
43	High-performance liquid chromatographic separation of unusual Î²3-amino acid enantiomers in different chromatographic modes on Cinchona alkaloid-based zwitterionic chiral stationary phases. Amino Acids, 2015, 47, 2279-2291.	1.2	18
44	Investigation of the structureâ€“selectivity relationships and vanâ€™t Hoff analysis of chromatographic stereoisomer separations of unusual isoxazoline-fused 2-aminocyclopentanecarboxylic acids on Cinchona alkaloid-based chiral stationary phases. Journal of Chromatography A, 2015, 1384, 67-75.	1.8	13
45	Exploring the enantioseparation of amino-naphthol analogues by supercritical fluid chromatography. Journal of Chromatography A, 2015, 1387, 123-133.	1.8	13
46	High-performance liquid chromatographic enantioseparation of cationic 1,2,3,4-tetrahydroisoquinoline analogs on Cinchona alkaloid-based zwitterionic chiral stationary phases. Analytical and Bioanalytical Chemistry, 2015, 407, 961-972.	1.9	13
47	Central nervous system-specific alterations in the tryptophan metabolism in the 3-nitropropionic acid model of Huntington's disease. Pharmacology Biochemistry and Behavior, 2015, 132, 115-124.	1.3	20
48	Application of Cinchona alkaloid-based zwitterionic chiral stationary phases in supercritical fluid chromatography for the enantioseparation of NÎ±-protected proteinogenic amino acids. Journal of Chromatography A, 2015, 1415, 134-145.	1.8	23
49	High-performance liquid chromatographic separation of paclitaxel intermediate phenylisoserine derivatives on macrocyclic glycopeptide and cyclofructan-based chiral stationary phases. Journal of Pharmaceutical and Biomedical Analysis, 2015, 114, 312-320.	1.4	19
50	B7 costimulation and intracellular indoleamine-2,3-dioxygenase (IDO) expression in peripheral blood of healthy pregnant and non-pregnant women. BMC Pregnancy and Childbirth, 2014, 14, 306.	0.9	20
51	Unusual Temperatureâ€Induced Retention Behavior of Constrained Î²â€Amino Acid Enantiomers on the Zwitterionic Chiral Stationary Phases ZWIX(+) and ZWIX(â€“). Chirality, 2014, 26, 385-393.	1.3	37
52	Cyclodextrinâ€mediated enantioseparation of phenylalanine amide derivatives and amino alcohols by capillary electrophoresisâ€”Role of complexation constants and complex mobilities. Electrophoresis, 2014, 35, 2848-2854.	1.3	16
53	Effect of mobile phase composition on the liquid chromatographic enantioseparation of bulky monoterpene-based Î²-amino acids by applying chiral stationary phases based onCinchonaalkaloid. Journal of Separation Science, 2014, 37, 1075-1082.	1.3	24
54	Highâ€performance liquid chromatographic enantioseparation of naphtholâ€substituted tetrahydroisoquinolines on polysaccharideâ€based chiral stationary phases. Biomedical Chromatography, 2014, 28, 142-151.	0.8	14

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55	Enantiomeric Separation of Bicyclo[2.2.2]octaneâ€Based 2â€Aminoâ€3â€Carboxylic Acids on Macrocyclic Glycopeptide Chiral Stationary Phases. Chirality, 2014, 26, 200-208.	1.3	11
56	Direct high-performance liquid chromatographic enantioseparation of secondary amino acids on Cinchona alkaloid-based chiral zwitterionic stationary phases. Unusual temperature behavior. Journal of Chromatography A, 2014, 1363, 169-177.	1.8	33
57	Enantioseparation of Î²2-amino acids on cinchona alkaloid-based zwitterionic chiral stationary phases. Structural and temperature effects. Journal of Chromatography A, 2014, 1334, 44-54.	1.8	28
58	Vacuum ultraviolet photolysis of diclofenac and the effects of its treated aqueous solutions on the proliferation and migratory responses of Tetrahymena pyriformis. Science of the Total Environment, 2014, 468-469, 996-1006.	3.9	22
59	Structural and temperature effects on enantiomer separations of bicyclo[2.2.2]octane-based 3-amino-2-carboxylic acids on cinchona alkaloid-based zwitterionic chiral stationary phases. Journal of Pharmaceutical and Biomedical Analysis, 2014, 98, 130-139.	1.4	27
60	Highâ€performance liquid chromatographic enantioseparation of isoxazolineâ€fused 2â€aminocyclopentanecarboxylic acids on a chiral ligandâ€exchange stationary phase. Journal of Separation Science, 2013, 36, 1335-1342.	1.3	17
61	Chiral derivatizations applied for the separation of unusual amino acid enantiomers by liquid chromatography and related techniques. Journal of Chromatography A, 2013, 1296, 119-139.	1.8	64
62	Degradation of naproxen by UV, VUV photolysis and their combination. Journal of Hazardous Materials, 2013, 262, 151-157.	6.5	104
63	Development of the high-performance liquid chromatographic method for the enantioseparation of unusual glycine ester analogs on polysaccharide-based chiral stationary phases. Journal of Pharmaceutical and Biomedical Analysis, 2013, 76, 183-191.	1.4	4
64	Enantioseparations by High-Performance Liquid Chromatography Using Macrocyclic Glycopeptide-Based Chiral Stationary Phases: An Overview. Methods in Molecular Biology, 2013, 970, 137-163.	0.4	14
65	Enantiomeric separation of nonproteinogenic amino acids by high-performance liquid chromatography. Journal of Chromatography A, 2012, 1269, 94-121.	1.8	44
66	Comparison of separation performances of novel Î²-cyclodextrin-based chiral stationary phases in high-performance liquid chromatographic enantioseparation. Journal of Pharmaceutical and Biomedical Analysis, 2012, 70, 71-76.	1.4	15
67	Recent advances in the direct and indirect liquid chromatographic enantioseparation of amino acids and related compounds: A review. Journal of Pharmaceutical and Biomedical Analysis, 2012, 69, 28-41.	1.4	95
68	Highâ€Performance Liquid Chromatographic Enantioseparation of Unusual Isoxazolineâ€Fused 2â€Aminocyclopentanecarboxylic Acids on (+)â€(18â€Crownâ€6)â€2,3,11,12â€Tetracarboxylic Acidâ€Based Chiral Stationary Phases. Chirality, 2012, 24, 817-824.	1.3	14
69	Macrocyclic Antibiotic Selectors in Direct HPLC Enantioseparations. Separation and Purification Reviews, 2012, 41, 207-249.	2.8	50
70	Highâ€performance liquid chromatographic enantioseparation of amino compounds on newly developed cyclofructanâ€based chiral stationary phases. Journal of Separation Science, 2012, 35, 617-624.	1.3	23
71	High-performance liquid chromatographic enantioseparation of unusual isoxazoline-fused 2-aminocyclopentanecarboxylic acids on macrocyclic glycopeptide-based chiral stationary phases. Journal of Chromatography A, 2012, 1232, 142-151.	1.8	17
72	Time-course of kynurenic acid concentration in mouse serum following the administration of a novel kynurenic acid analog. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 540-543.	1.4	12

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73	A simple chromatographic route for the isolation of meso diaminopimelic acid. Chirality, 2011, 23, 133-137.	1.3	2
74	Highâ€performance liquid chromatographic enantioseparation of Betti base analogs on a newly developed isopropyl carbamateâ€cyclofructan6â€based chiral stationary phase. Chirality, 2011, 23, 549-556.	1.3	11
75	High-performance liquid chromatographic enantioseparation of 1-(phenylethylamino)- or 1-(naphthylethylamino)methyl-2-naphthol analogs and a temperature-induced inversion of the elution sequence on polysaccharide-based chiral stationary phases. Journal of Chromatography A, 2011, 1218, 4869-4876.	1.8	25
76	CE Enantioseparation of Betti Bases with Cyclodextrins and Crown Ether as Chiral Selectors. Chromatographia, 2010, 71, 115-119.	0.7	11
77	LC Separation of Î³-Amino Acid Enantiomers. Chromatographia, 2010, 71, 13-19.	0.7	10
78	LC Enantioseparation of Î²-Lactam Stereoisomers through the Use of Î²-Cyclodextrin-Based Chiral Stationary Phases. Chromatographia, 2010, 71, 29-34.	0.7	6
79	High-performance liquid chromatographic enantioseparation of monoterpene-based 2-amino carboxylic acids on macrocyclic glycopeptide-based phases. Journal of Chromatography A, 2010, 1217, 6956-6963.	1.8	29
80	Comparison of separation performances of amyloseâ€and celluloseâ€based stationary phases in the highâ€performance liquid chromatographic enantioseparation of stereoisomers of Î²â€lactams. Chirality, 2010, 22, 120-128.	1.3	12
81	High-performance liquid chromatographic enantioseparation of Î²2-amino acids using a long-tethered (+)-(18-crown-6)-2,3,11,12-tetracarboxylic acid-based chiral stationary phase. Journal of Chromatography A, 2010, 1217, 1075-1082.	1.8	18
82	High-performance liquid chromatographic enantioseparation of aminonaphthol analogs on polysaccharide-based chiral stationary phases. Journal of Chromatography A, 2010, 1217, 2980-2985.	1.8	11
83	The role of Ï€â€acidic and Ï€â€basic chiral stationary phases in the highâ€performance liquid chromatographic enantioseparation of unusual Î²â€amino acids. Chirality, 2009, 21, 339-348.	1.3	20
84	Highâ€performance liquid chromatographic chiral separation of Î²²â€homoamino acids. Chirality, 2009, 21, 787-798.	1.3	15
85	HPLC enantioseparation of Î²²â€homoamino acids using crown etherâ€based chiral stationary phase. Journal of Separation Science, 2009, 32, 981-987.	1.3	27
86	Enantioseparation of Î²-substituted tryptophan analogues with modified cyclodextrins by capillary zone electrophoresis. Journal of Chromatography A, 2009, 1216, 3360-3365.	1.8	26
87	Retention mechanism of high-performance liquid chromatographic enantioseparation on macrocyclic glycopeptide-based chiral stationary phases. Journal of Chromatography A, 2009, 1216, 1845-1860.	1.8	100
88	High-performance liquid chromatographic enantioseparation of 2-aminomono- and dihydroxycyclopentanecarboxylic and 2-aminodihydroxycyclohexanecarboxylic acids on macrocyclic glycopeptide-based phases. Journal of Chromatography A, 2009, 1216, 927-932.	1.8	20
89	Comparison of Separation Performances of Cellulose-Based Chiral Stationary Phases in LC Enantioseparation of Aminonaphthol Analogues. Chromatographia, 2009, 70, 723-729.	0.7	12
90	Enantioseparation of Î²-methyl-substituted amino acids with cyclodextrins by capillary zone electrophoresisâ˜†. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 875, 273-279.	1.2	12

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91	Comparison of performance of Chirobiotic T, T2 and TAG columns in the separation of Î²²â€• and Î²³â€homoamino acids. Journal of Separation Science, 2008, 31, 3688-3697.	1.3	25
92	Application of chiral derivatizing agents in the high-performance liquid chromatographic separation of amino acid enantiomers: A review. Journal of Pharmaceutical and Biomedical Analysis, 2008, 47, 1-15.	1.4	178
93	High-performance liquid chromatographic enantioseparation of Î²-3-homo-amino acid stereoisomers on a (+)-(18-crown-6)-2,3,11,12-tetracarboxylic acid-based chiral stationary phase. Journal of Chromatography A, 2008, 1189, 285-291.	1.8	27
94	LC Enantioseparation of Î²-Amino Acids on a Crown Ether-Based Stationary Phase. Chromatographia, 2008, 68, 13-18.	0.7	10
95	Comparison of UV- and UV/VUV-Induced Photolytic and Heterogeneous Photocatalytic Degradation of Phenol, with Particular Emphasis on the Intermediates. Journal of Advanced Oxidation Technologies, 2008, 11, .	0.5	1
96	High-performance liquid chromatographic separation of stereoisomers ofN-phthaloyl-protected amino acids and dipeptidomimetics. Journal of Separation Science, 2007, 30, 1881-1887.	1.3	5
97	Liquid-phase oxidation of cyclohexene and of tetralin by N2O in the presence of onium salts under mild experimental conditions. Journal of Molecular Catalysis A, 2007, 263, 48-54.	4.8	2
98	HPLC Enantioseparation of 1-(Î±-Aminobenzyl)-2-naphthol and 2-(Î±-Aminobenzyl)-1-naphthol Analogs on a Î²-Cyclodextrin-Based Chiral Stationary Phase. Chromatographia, 2007, 65, 337-341.	0.7	18
99	High-performance liquid chromatographic enantioseparation of Î²-amino acid stereoisomers on a (+)-(18-crown-6)-2,3,11,12-tetracarboxylic acid-based chiral stationary phase. Journal of Chromatography A, 2006, 1125, 138-143.	1.8	56
100	LC Enantioseparation of Aryl-Substituted Î²-Lactams Using Variable-Temperature Conditions. Chromatographia, 2006, 63, S29-S35.	0.7	13
101	LC Enantioseparation of Î²-Lactam and Î²-Amino Acid Stereoisomers and a Comparison of Macrocyclic Glycopeptide- and Î²-Cyclodextrin-Based Columns. Chromatographia, 2006, 63, S37-S43.	0.7	28
102	Synthesis and characterization of titania photocatalysts: The influence of pretreatment on the activity. Applied Catalysis A: General, 2006, 303, 1-8.	2.2	48
103	High-performance liquid chromatographic enantioseparation of unusual secondary amino acids on a D-penicillamine-based chiral ligand exchange column. Chirality, 2006, 18, 539-543.	1.3	16
104	HPLC separation of amino acid enantiomers and small peptides on macrocyclic antibiotic-based chiral stationary phases: A review. Journal of Separation Science, 2006, 29, 1305-1321.	1.3	151
105	Comparison of column performances in direct high-performance liquid chromatographic enantioseparation of 1- or 3-methyl-substituted tetrahydroisoquinoline analogs. Application of direct and indirect methods. Biomedical Chromatography, 2005, 19, 459-465.	0.8	12
106	TiO2-Based Heterogeneous Photocatalytic Water Treatment Combined with Ozonation. Ozone: Science and Engineering, 2004, 26, 585-594.	1.4	21
107	Photocatalytic water treatment with different TiO2 nanoparticles and hydrophilic/hydrophobic layer silicate adsorbents. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 230, 89-97.	2.3	55
108	Preparation and Photocatalytic Application of Different Tio2 and Zn(OH)2/ZnO Nanoparticles and Hydrophilic/Hydrophobic Layered Silicates. , 2003, , 425-443.		0

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109	Comparison of Ozone-based and other (VUV and TiO₂/UV) Radical Generation Methods in Phenol Decomposition. Ozone: Science and Engineering, 2002, 24, 49-54.	1.4	12
110	TiO2-Based Photocatalytic Degradation of 2-Chlorophenol Adsorbed on Hydrophobic Clay. Environmental Science & Technology, 2002, 36, 3618-3624.	4.6	121
111	Removal of 2-chlorophenol from water by adsorption combined with TiO2 photocatalysis. Applied Catalysis B: Environmental, 2002, 39, 247-256.	10.8	98
112	Investigation of the photodecomposition of phenol in near-UV-irradiated aqueous TiO2 suspensions. I: Effect of charge-trapping species on the degradation kinetics. Applied Catalysis A: General, 1999, 180, 25-33.	2.2	97
113	Investigation of the photodecomposition of phenol in near-UV-irradiated aqueous TiO2 suspensions. II. Effect of charge-trapping species on product distribution. Applied Catalysis A: General, 1999, 180, 35-45.	2.2	99
114	The photochemical behavior of hydrogen peroxide in near UV-irradiated aqueous TiO2 suspensions. Journal of Molecular Catalysis A, 1998, 135, 55-61.	4.8	45