Thomas Jira

List of Publications by Year
in descending order

43	838	430874	501196
papers	citations	18	28
		h-index	g-index

45	45	45	730
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Separation of cis- and trans-isomers of thioxanthene and dibenz[b,e]oxepin derivatives on calixarene- and resorcinarene-bonded high-performance liquid chromatography stationary phases. Journal of Chromatography A, 2002, 948, 309-319.	3.7	65
2	Extracolumn band broadening in capillary liquid chromatography. Journal of Chromatography A, 2003, 1016, 129-141.	3.7	63
3	New calixarene-bonded stationary phases in high-performance liquid chromatography: comparative studies on the retention behavior and on influences of the eluent. Journal of Chromatography A, 2000, 898, 35-52.	3.7	53
4	Effect of chromatographic conditions on liquid chromatographic chiral separation of terbutaline and salbutamol on Chirobiotic V column. Journal of Chromatography A, 2011, 1218, 6727-6731.	3.7	42
5	Capillary electrophoretic chiral resolution of vicinal diols by complexation with borate and cyclodextrin: Comparative studies on different cyclodextrin derivatives. Chirality, 1997, 9, 153-156.	2.6	41
6	Chiral separation of unmodified amino acids with non-aqueous capillary electrophoresis based on the ligand-exchange principle. Journal of Chromatography A, 2000, 874, 285-292.	3.7	39
7	Calixarene HPLC Phases - Applications. Current Analytical Chemistry, 2007, 3, 161-170.	1.2	39
8	Nonaqueous capillary electrophoresis: Application possibilities and suitability of various solvents for the separation of basic analytes. Electrophoresis, 1999, 20, 3396-3401.	2.4	38
9	Use of chiral and achiral ion-pairing reagents in combination with cyclodextrins in capillary electrophoresis. Journal of Chromatography A, 1998, 798, 281-288.	3.7	34
10	Use of cationic cyclodextrin for enantioseparation by capillary electrophoresis. Journal of Chromatography A, 1998, 798, 275-280.	3.7	33
11	Characterization of calixarene- and resorcinarene-bonded stationary phases. Journal of Chromatography A, 2003, 1021, 71-82.	3.7	31
12	Achiral and chiral high-performance liquid chromatographic determination of flubendazole and its metabolites in biomatrices using UV photodiode-array and mass spectrometric detection. Journal of Chromatography A, 2007, 1149, 112-120.	3.7	31
13	Effect of chaotropic mobile phase additives on retention behaviour of beta-blockers on various reversed-phase high-performance liquid chromatography columns. Journal of Chromatography A, 2006, 1133, 69-75.	3.7	29
14	Separation of (Z)- and (E)-isomers of thioxanthene and dibenz[b,e]oxepin derivatives with calixarenes and resorcinarenes as additives in nonaqueous capillary electrophoresis. Electrophoresis, 2003, 24, 1648-1657.	2.4	21
15	Description of retention characteristics of calixarene-bonded stationary phases in dependence of the methanol content in the mobile phase. Journal of Chromatography A, 2009, 1216, 6285-6294.	3.7	21
16	Analytical power of LLEâ€“HPLCâ€“PDAâ€“MS/MS in drug metabolism studies: Identification of new nabumetone metabolites. Journal of Pharmaceutical and Biomedical Analysis, 2013, 80, 164-172.	2.8	20
17	Chiral separations of 1,3,4-thia- and 1,3,4-selenadiazine derivatives by use of non-aqueous capillary electrophoresis. Journal of Proteomics, 2001, 48, 155-162.	2.4	19
18	Chromatographic Application on Calixarene Bonded Stationary Phases: A Stability Indicating LC-Method for Determination of Celecoxib in Tablet Formulation. Chromatographia, 2010, 71, 91-94.	1.3	19

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19	Investigation of the retention behaviour of steroids with calixarene-based stationary phases by modern NMR spectroscopy. Journal of Separation Science, 2003, 26, 1119-1124.	2.5	18
20	Evaluation of packed capillary liquid chromatography columns and comparison with conventional-size columns. Journal of Chromatography A, 2004, 1030, 167-176.	3.7	15
21	Evaluation of the Chromatographic Performance of Conventional, Polar-Endcapped and Calixarene-Bonded Stationary Phases for the Separation of Water-Soluble Vitamins. Chromatographia, 2013, 76, 449-457.	1.3	15
22	Multifactorial design principles applied for the simultaneous separation of local anesthetics using chromatography modeling software. Analytical Methods, 2014, 6, 6702.	2.7	15
23	Influence of different types of cyclodextrins on the racemization of scopolamine-N-butylbromide. Journal of Chromatography A, 1996, 728, 441-445.	3.7	14
24	Retention behaviour of beta-blockers in HPLC using a monolithic column. Journal of Separation Science, 2006, 29, 986-994.	2.5	14
25	Isolation of farnesylhydroquinones from the basidiomycete Ganoderma pfeifferi. Natural Products and Bioprospecting, 2013, 3, 137-140.	4.3	14
26	Circular dichroism of axially chiral methaqualone, 3-Aryl-2-mercapto- and 3-aryl-2-alkylthio-4(3H)-quinazolinones: conformational dependence of CD and assignment of absolute configuration. Chirality, 1998, 10, 253-261.	2.6	11
27	Characterization of calixareneâ€bonded stationary phases. Journal of Separation Science, 2010, 33, 2930-2942.	2.5	10
28	Selectivity of Calixarene-bonded Silica-phases in HPLC: Description of Special Characteristics with a Multiple Term Linear Equation at Two Different pH-Values. Analytical Sciences, 2008, 24, 1157-1164.	1.6	9
29	Enantioselective influence of cyclodextrins on cleavage of chiralic esters. Chirality, 1995, 7, 560-564.	2.6	7
30	Chiral separation of amino acid esters by micellar electrokinetic chromatography. Electrophoresis, 2001, 22, 3291-3296.	2.4	7
31	Evaluation of (<scp>S</scp>)â€•and (<scp>R</scp>)â€<scp>M</scp>isonidazole as <scp>GPX</scp> Inhibitors: Synthesis, Characterization Including Circular Dichroism and In Vitro Testing on Bovine <scp>GP</scp>xâ€1. Archiv Der Pharmazie, 2014, 347, 153-160.	4.1	7
32	Selectivity of calixareneâ€bonded silica phases in HPLC: Description of special characteristics with a multiple term linear equation at different methanol concentrations. Journal of Separation Science, 2010, 33, 2943-2955.	2.5	6
33	SIMULTANEOUS HPLC-DETERMINATION OF NORTRIPTYLINE AND FLUPHENAZINE IN ONE MINUTE USING MONOLITHIC STATIONARY PHASE. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 770-780.	1.0	6
34	Spectrophotometric and Stabilityâ€"Indicating Highâ€"Performance Liquid Chromatographic Determinations of Terbutaline Sulfate. Journal of AOAC INTERNATIONAL, 2012, 95, 1412-1417.	1.5	5
35	Complexation of Achiral Calixarenes with Chiral Pharmaceutical Substances: A Circular Dichroism Study. Current Pharmaceutical Analysis, 2013, 9, 121-129.	0.6	5
36	Comparison of the Chromatographic Behavior of Tricyclic Neuroleptics on Calixarene-Bonded, Monolithic and Conventional RP-HPLC Columns. Combinatorial Chemistry and High Throughput Screening, 2007, 10, 387-396.	1.1	4

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37	Intergroup cross-comparison for the evaluation of data-interchangeability from various chromatographic tests. Journal of Chromatography A, 2013, 1297, 146-156.	3.7	4
38	Chromatography Modeling Software Applicability for Non-Conventional Columns: a Case Study of Calixarene- and Resorcinarene-Bonded Stationary Phases. Chromatographia, 2014, 77, 1167-1183.	1.3	4
39	Peak shape improvement of basic analytes in capillary liquid chromatography. Journal of Separation Science, 2005, 28, 291-294.	2.5	3
40	Complexation of Achiral Calixarenes with Chiral Pharmaceutical Substances: A Circular Dichroism Study. Current Pharmaceutical Analysis, 2013, 9, 121-129.	0.6	3
41	Development and validation of a rapid stability indicating HPLC-method using monolithic stationary phase and two spectrophotometric methods for determination of antihistaminic acrivastine in capsules. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 130, 480-487.	3.9	3
42	Zur HPLC-Trennung einiger MandelsÃureesterderivate mittels Î±1-Glykoprotein (AGP). Archiv Der Pharmazie, 1994, 327, 283-286.	4.1	0
43	FlÃ¼ssigehromatographische Trennung von Anthracen und seinen Hydrierprodukten. Zeitschrift FÃ¼r Chemie, 1983, 23, 341-342.	0.0	0