

Martin G Schmid

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82
papers

3,252
citations

33
h-index

55
g-index

83
ext. papers

3,481
ext. citations

3.3
avg, IF

5.58
L-index

#	Paper	IF	Citations
82	A simple and isocratic protein-based high performance liquid chromatography method for the enantioseparation of amphetamine derivatives. <i>Journal of Chromatography Open</i> , 2021 , 1, 100013		
81	Enantioseparation performance of superficially porous particle vancomycin-based chiral stationary phases in supercritical fluid chromatography and high performance liquid chromatography; applicability for psychoactive substances. <i>Journal of Chromatography A</i> , 2021 , 1637, 461846	4.5	10
80	Determination of cathinone and cathine in Khat plant material by LC-MS/MS: Fresh vs. dried leaves. <i>Forensic Science International</i> , 2021 , 319, 110658	2.6	6
79	A Simple HPLC-UV Approach for Rapid Enantioseparation of Cathinones, Pyrovalerones and Other Novel Psychoactive Substances on a 2.5-µm Cellulose Tris-(3,5-dimethylphenyl-carbamate) Column. <i>Chromatographia</i> , 2020 , 83, 321-329	2.1	7
78	Separation of enantiomers and positional isomers of novel psychoactive substances in solid samples by chromatographic and electrophoretic techniques - A selective review. <i>Journal of Chromatography A</i> , 2020 , 1624, 461256	4.5	23
77	Successful use of a novel Lux [®] i-Amylose-1 chiral column for enantioseparation of "legal highs" by HPLC. <i>Chirality</i> , 2020 , 32, 42-52	2.1	8
76	Enantioselective potential of teicoplanin- and vancomycin-based superficially porous particles-packed columns for supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2020 , 1612, 460687	4.5	13
75	Enantioselective separation of Novel Psychoactive Substances using a Lux [®] AMP 3 µm column and HPLC-UV. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 179, 112967	3.5	7
74	Advantages and Pitfalls of Capillary Electrophoresis of Pharmaceutical Compounds and Their Enantiomers in Complex Samples: Comparison of Hydrodynamically Opened and Closed Systems. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
73	Determination of the chiral status of different novel psychoactive substance classes by capillary electrophoresis and β-cyclodextrin derivatives. <i>Chirality</i> , 2020 , 32, 1191-1207	2.1	10
72	Chiral separation of cathinone derivatives using β-cyclodextrin-assisted capillary electrophoresis-Comparison of four different β-cyclodextrin derivatives used as chiral selectors. <i>Electrophoresis</i> , 2019 , 40, 1787-1794	3.6	14
71	Micro-HPLC-UV analysis of cocaine and its adulterants in illicit cocaine samples seized by Austrian police from 2012 to 2017. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018 , 41, 6-13	1.3	8
70	Separation of enantiomers of new psychoactive substances by high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2018 , 41, 1274-1286	3.4	17
69	Cellulose tris-(3,5-dimethylphenylcarbamate)-based chiral stationary phase for the enantioseparation of drugs in supercritical fluid chromatography: comparison with HPLC. <i>Journal of Separation Science</i> , 2018 , 41, 1471-1478	3.4	33
68	A Metabolomic Approach Applied to a Liquid Chromatography Coupled to High-Resolution Tandem Mass Spectrometry Method (HPLC-ESI-HRMS/MS): Towards the Comprehensive Evaluation of the Chemical Composition of Cannabis Medicinal Extracts. <i>Phytochemical Analysis</i> , 2018 , 29, 144-155	3.4	30
67	Enantiomeric separation of Novel Psychoactive Substances by capillary electrophoresis using (+)-18-crown-6-tetracarboxylic acid as chiral selector. <i>Chirality</i> , 2018 , 30, 1019	2.1	12
66	Development of an enantioseparation method for novel psychoactive drugs by HPLC using a Lux Cellulose-2 column in polar organic phase mode. <i>Forensic Science International</i> , 2017 , 270, 232-240	2.6	24

65	Indirect chiral separation of 8 novel amphetamine derivatives as potential new psychoactive compounds by GC-MS and HPLC. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017 , 57, 6-12	2	25
64	Chiral separations of cathinone and amphetamine-derivatives: Comparative study between capillary electrochromatography, supercritical fluid chromatography and three liquid chromatographic modes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 121, 232-243	3.5	53
63	Enantioselective separation of biologically active basic compounds in ultra-performance supercritical fluid chromatography. <i>Analytica Chimica Acta</i> , 2016 , 932, 98-105	6.6	25
62	Indirect chiral separation of new recreational drugs by gas chromatography-mass spectrometry using trifluoroacetyl-L-prolyl chloride as chiral derivatization reagent. <i>Chirality</i> , 2015 , 27, 211-5	2.1	30
61	Determination of the relative percentage distribution of THCA and (D)-THC in herbal cannabis seized in Austria - Impact of different storage temperatures on stability. <i>Forensic Science International</i> , 2015 , 254, 167-71	2.6	35
60	Analysis of a new drug of abuse: cathinone derivative 1-(3,4-dimethoxyphenyl)-2-(ethylamino)pentan-1-one. <i>Journal of Separation Science</i> , 2015 , 38, 825-8	3.4	18
59	Enantiomeric separation of new cathinone derivatives designer drugs by capillary electrochromatography using a chiral stationary phase, based on amylose tris(5-chloro-2-methylphenylcarbamate). <i>Electrophoresis</i> , 2014 , 35, 3242-9	3.6	44
58	Analysis and characterization of the novel psychoactive drug 4-chloromethcathinone (clephedrone). <i>Forensic Science International</i> , 2014 , 244, e56-9	2.6	35
57	Chiral separation of cathinone and amphetamine derivatives by HPLC/UV using sulfated β -cyclodextrin as chiral mobile phase additive. <i>Chirality</i> , 2014 , 26, 411-8	2.1	44
56	Enantioseparation of benzofurys and other novel psychoactive compounds by CE and sulfobutylether β -cyclodextrin as chiral selector added to the BGE. <i>Electrophoresis</i> , 2014 , 35, 2793-9	3.6	33
55	Natural product isolation—how to get from biological material to pure compounds. <i>Natural Product Reports</i> , 2013 , 30, 525-45	15.1	232
54	Determination of metabolites of 5-hydroxymethylfurfural in human urine after oral application. <i>Journal of Separation Science</i> , 2013 , 36, 670-6	3.4	10
53	Application of chiral ligand-exchange stationary phases in capillary electrochromatography. <i>Methods in Molecular Biology</i> , 2013 , 970, 443-55	1.4	2
52	Chiral separation of new cathinone- and amphetamine-related designer drugs by gas chromatography-mass spectrometry using trifluoroacetyl-L-prolyl chloride as chiral derivatization reagent. <i>Journal of Chromatography A</i> , 2012 , 1269, 352-9	4.5	69
51	Development and validation of an HPLC method to determine metabolites of 5-hydroxymethylfurfural (5-HMF). <i>Journal of Separation Science</i> , 2012 , 35, 2567-74	3.4	9
50	Chiral separation of cathinone derivatives used as recreational drugs by cyclodextrin-modified capillary electrophoresis. <i>Electrophoresis</i> , 2012 , 33, 1624-30	3.6	57
49	Chiral separation of cathinone derivatives used as recreational drugs by HPLC-UV using a CHIRALPAK \square AS-H column as stationary phase. <i>Chirality</i> , 2012 , 24, 486-92	2.1	41
48	Enantioseparation by chromatographic and electromigration techniques using ligand-exchange as chiral separation principle. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 2305-16	4.4	67

47	Enantioseparation of amino acids and alpha-hydroxy acids on ligand-exchange continuous beds by capillary electrochromatography. <i>Electrophoresis</i> , 2010 , 31, 1517-20	3.6	12
46	Chiral separation of the β -sympathomimetic fenoterol by HPLC and capillary zone electrophoresis for pharmacokinetic studies. <i>Biomedical Chromatography</i> , 2010 , 24, 1125-9	1.7	7
45	Enantioseparation of dansyl amino acids by HPLC on a monolithic column dynamically coated with a vancomycin derivative. <i>Biomedical Chromatography</i> , 2010 , 24, 1213-9	1.7	18
44	Enantioseparation of amino acids, alpha-hydroxy acids, and dipeptides by ligand-exchange CEC using silica-based chiral stationary phases. <i>Electrophoresis</i> , 2009 , 30, 2897-904	3.6	26
43	Enantiorecognition of triiodothyronine and thyroxine enantiomers using different chiral selectors by HPLC and micro-HPLC. <i>Journal of Proteomics</i> , 2008 , 70, 1254-60		20
42	Chiral separation of amino acids and glycol dipeptides by chiral ligand-exchange capillary electrophoresis comparing Cu(II), Co(II), Ni(II) and Zn(II) complexes of three different sugar acids. <i>Journal of Chromatography A</i> , 2008 , 1204, 210-8	4.5	47
41	Chiral separation by capillary electromigration techniques. <i>Journal of Chromatography A</i> , 2008 , 1204, 140-56	4.5	212
40	Advances in chiral separation using capillary electromigration techniques. <i>Electrophoresis</i> , 2007 , 28, 114-36	3.6	95
39	Chiral separation of sympathomimetics and beta-blockers by ligand-exchange CE using Cu(II) complexes of L-tartaric acid and L-threonine as chiral selectors. <i>Electrophoresis</i> , 2007 , 28, 2675-82	3.6	33
38	Enantioseparation by ligand-exchange using particle-loaded monoliths: capillary-LC versus capillary electrochromatography. <i>Journal of Proteomics</i> , 2007 , 70, 77-85		34
37	Enantioseparation of glycol-dipeptides by CEC using particle-loaded monoliths prepared by ring-opening metathesis polymerization (ROMP). <i>Journal of Proteomics</i> , 2006 , 69, 67-77		22
36	Fast chiral separation by ligand-exchange HPLC using a dynamically coated monolithic column. <i>Journal of Separation Science</i> , 2006 , 29, 1470-5	3.4	37
35	Chiral separation principles in chromatographic and electromigration techniques. <i>Molecular Biotechnology</i> , 2006 , 32, 159-80	3	80
34	Chiral separation of halogenated amino acids by ligand-exchange capillary electrophoresis. <i>Electrophoresis</i> , 2005 , 26, 3878-83	3.6	15
33	Chiral ligand-exchange capillary electrophoresis and capillary electrochromatography. <i>Methods in Molecular Biology</i> , 2004 , 243, 375-86	1.4	3
32	New particle-loaded monoliths for chiral capillary electrochromatographic separation. <i>Electrophoresis</i> , 2004 , 25, 3195-203	3.6	39
31	Recent advances in chiral separation principles in capillary electrophoresis and capillary electrochromatography. <i>Electrophoresis</i> , 2004 , 25, 3981-96	3.6	109
30	Use of chiral crown ethers in capillary electrophoresis. <i>Methods in Molecular Biology</i> , 2004 , 243, 317-21	1.4	3

29	Enantioseparation of dipeptides and tripeptides by micro-HPLC comparing teicoplanin and teicoplanin aglycone as chiral selectors. <i>Journal of Proteomics</i> , 2004 , 61, 1-10		16
28	Chiral resolution of diastereomeric di- and tripeptides on a teicoplanin aglycone phase by capillary electrochromatography. <i>Electrophoresis</i> , 2003 , 24, 2543-9	3.6	21
27	Role of the charge in continuous beds in the chiral separation of hydroxy acids by ligand-exchange capillary electrochromatography. <i>Electrophoresis</i> , 2003 , 24, 2983-5	3.6	16
26	Enantioseparation of dipeptides by capillary electrochromatography on a teicoplanin aglycone chiral stationary phase. <i>Journal of Chromatography A</i> , 2003 , 990, 83-90	4.5	32
25	Influence of structure and chirality of the selector on the chiral recognition of amino acids using ligand-exchange capillary electrophoresis. <i>Electrophoresis</i> , 2002 , 23, 3006-12	3.6	19
24	Enantioseparation of amino acids and drugs by CEC, pressure supported CEC, and micro-hPLC using a teicoplanin aglycone stationary phase. <i>Journal of Separation Science</i> , 2002 , 25, 1297-1302	3.4	31
23	Enantioselective sequential-injection chemiluminescence immunoassays for 3,3',5-triiodothyronine (T3) and thyroxine (T4). <i>Analytica Chimica Acta</i> , 2002 , 463, 5-14	6.6	29
22	Development of enantioselective chemiluminescence flow- and sequential-injection immunoassays for alpha-amino acids. <i>Journal of Proteomics</i> , 2002 , 53, 1-14		24
21	Chiral separation by chromatographic and electromigration techniques. A review. <i>Biopharmaceutics and Drug Disposition</i> , 2001 , 22, 291-336	1.7	185
20	Enantioselective high-performance liquid chromatography of therapeutically relevant aminoalcohols as their fluorescent 1-naphthyl isocyanate derivatives. <i>Biomedical Chromatography</i> , 2001 , 15, 212-6	1.7	8
19	Enantioseparation of hydroxy acids on easy-to-prepare continuous beds for capillary electrochromatography. <i>Electrophoresis</i> , 2001 , 22, 2616-9	3.6	58
18	COMPARATIVE STUDY OF THE CHIRAL RESOLUTION OF β BLOCKERS ON CELLULOSE TRIS (3,5-DIMETHYL-PHENYL-CARBAMATE) PHASES IN NORMAL AND REVERSED PHASE MODES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001 , 24, 2493-2504	1.3	18
17	Chiral ligand-exchange capillary electrophoresis. <i>Journal of Proteomics</i> , 2001 , 48, 143-54		61
16	CHIRAL SEPARATION OF SEVERAL THIOBARBITURATES ON A CELLULOSE TRIS(4-METHYLBENZOATE) PHASE UNDER REVERSED-PHASE CONDITIONS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001 , 24, 69-77	1.3	2
15	A new easy-to-prepare homogeneous continuous electrochromatographic bed for enantiomer recognition. <i>Electrophoresis</i> , 2000 , 21, 3116-25	3.6	86
14	Chiral separation of amino acids by ligand-exchange capillary electrochromatography using continuous beds. <i>Electrophoresis</i> , 2000 , 21, 3141-4	3.6	93
13	Recent progress in chiral separation principles in capillary electrophoresis. <i>Electrophoresis</i> , 2000 , 21, 4112-35	3.6	162
12	Application of ligand-exchange capillary electrophoresis to the chiral separation of alpha-hydroxy acids and beta-blockers. <i>Journal of Chromatography A</i> , 2000 , 875, 307-14	4.5	61

11	Recent progress in chiral separation principles in capillary electrophoresis 2000 , 21, 4112		1
10	Chiral separation of sympathomimetics by ligand exchange capillary electrophoresis. <i>Electrophoresis</i> , 1999 , 20, 2458-61	3.6	34
9	Stereoselective interaction of drug enantiomers with human serum transferrin in capillary zone electrophoresis (II). <i>Electrophoresis</i> , 1998 , 19, 282-7	3.6	25
8	Chiral separation of alpha-amino acids by ligand-exchange capillary electrophoresis using N-(2-hydroxy-octyl)-L-4-hydroxyproline as a selector. <i>Electrophoresis</i> , 1998 , 19, 2109-12	3.6	55
7	Chiral Resolution of RR, SS-Hydrobenzoin by Liquid Chromatography Using Borate-Cyclodextrin Complexation. <i>Journal of High Resolution Chromatography</i> , 1998 , 21, 414-416		5
6	Capillary electrophoretic chiral resolution of vicinal diols by complexation with borate and cyclodextrin: Comparative studies on different cyclodextrin derivatives. <i>Chirality</i> , 1997 , 9, 153-156	2.1	37
5	Chiral separation principles in capillary electrophoresis. <i>Journal of Chromatography A</i> , 1997 , 792, 179-225	4.5	222
4	Chiral Resolution of Dipeptides by Ligand Exchange Chromatography on Chemically Bonded Chiral Phases. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1996 , 19, 2933-2942	1.3	13
3	Capillary zone electrophoretic separation of the enantiomers of dipeptides based on host-guest complexation with a chiral crown ether. <i>Journal of Chromatography A</i> , 1995 , 709, 81-88	4.5	64
2	Test purchase of new synthetic tryptamines via the Internet: Identity check by GC-MS and separation by HPLC. <i>Journal of Applied Pharmaceutical Science</i> , 028-034	2	4
1	Chiral Separation by Ligand Exchange 155-179		3