

Francesco Gasparini

List of Publications by Year in descending order

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209
papers

6,275
citations

61687

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docs citations

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#	ARTICLE	IF	CITATIONS
1	A perspective on enantioselective chromatography by comparing ultra-high performance supercritical fluid chromatography and normal-phase liquid chromatography through the use of a Pirkle-type stationary phase. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 147, 116511.	5.8	4
2	Effect of Natural Deep Eutectic Solvents on trans-Resveratrol Photo-Chemical Induced Isomerization and 2,4,6-Trihydroxyphenanthrene Electro-Cyclic Formation. <i>Molecules</i> , 2022, 27, 2348.	1.7	5
3	Enantioselective UHPLC Screening Combined with <i>In Silico</i> Modeling for Streamlined Development of Ultrafast Enantiopurity Assays. <i>Analytical Chemistry</i> , 2022, 94, 1804-1812.	3.2	31
4	Preparation of a high-density vinyl silica gel to anchor cysteine via photo-click reaction and its applications in hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , 2022, 1675, 463173.	1.8	5
5	Boosting the enantioresolution of zwitterionic-teicoplanin chiral stationary phases by moving to wide-pore core-shell particles. <i>Journal of Chromatography A</i> , 2022, 1676, 463190.	1.8	6
6	Mass transfer kinetics on modern Whelk-O1 chiral stationary phases made on fully- and superficially-porous particles. <i>Journal of Chromatography A</i> , 2021, 1637, 461854.	1.8	16
7	Static vs. Dynamic Electrostatic Repulsion Reversed Phase Liquid Chromatography: Solutions for Pharmaceutical and Biopharmaceutical Basic Compounds. <i>Separations</i> , 2021, 8, 59.	1.1	4
8	δ^9 -Tetrahydrocannabinol: Natural Occurrence, Chirality, and Pharmacology. <i>Journal of Natural Products</i> , 2021, 84, 2502-2510.	1.5	33
9	Expanding the Use of Dynamic Electrostatic Repulsion Reversed-Phase Chromatography: An Effective Elution Mode for Peptides Control and Analysis. <i>Molecules</i> , 2021, 26, 4348.	1.7	1
10	High-throughput enantioseparation of N^{ϵ} -fluorenylmethoxycarbonyl proteinogenic amino acids through fast chiral chromatography on zwitterionic-teicoplanin stationary phases. <i>Journal of Chromatography A</i> , 2020, 1624, 461235.	1.8	21
11	Boosting basic-peptide separation through dynamic electrostatic-repulsion reversed-phase (d-ERRP) liquid chromatography. <i>RSC Advances</i> , 2020, 10, 12604-12610.	1.7	4
12	Comparison of Online Comprehensive HILIC \tilde{R} - RP and RP \tilde{R} - RP with Trapping Modulation Coupled to Mass Spectrometry for Microalgae Peptidomics. <i>Separations</i> , 2020, 7, 25.	1.1	11
13	Investigation of mass transfer properties and kinetic performance of high-efficiency columns packed with C_{18} sub- $2\mu m$ fully and superficially porous particles. <i>Journal of Separation Science</i> , 2020, 43, 1737-1745.	1.3	13
14	Ultra-high performance separation of basic compounds on reversed-phase columns packed with fully/superficially porous silica and hybrid particles by using ultraviolet transparent hydrophobic cationic additives. <i>Journal of Separation Science</i> , 2020, 43, 1653-1662.	1.3	9
15	<i>Cannabis sativa</i> L. Inflorescences from Monoecious Cultivars Grown in Central Italy: An Untargeted Chemical Characterization from Early Flowering to Ripening. <i>Molecules</i> , 2020, 25, 1908.	1.7	38
16	Online comprehensive hydrophilic interaction chromatography \tilde{R} - reversed phase liquid chromatography coupled to mass spectrometry for in depth peptidomic profile of microalgae gastro-intestinal digests. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 175, 112783.	1.4	5
17	Recent Achievements and Future Challenges in Supercritical Fluid Chromatography for the Enantioselective Separation of Chiral Pharmaceuticals. <i>Chromatographia</i> , 2019, 82, 65-75.	0.7	41
18	Stepwise α - β -reduction of monoclonal antibodies and light chain detection: Case studies of tenatumomab and trastuzumab. <i>Separation Science Plus</i> , 2018, 1, 261-269.	0.3	1

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19	Enantioselective ultra high performance liquid and supercritical fluid chromatography: The race to the shortest chromatogram. <i>Journal of Separation Science</i> , 2018, 41, 1307-1318.	1.3	59
20	New frontiers and cutting edge applications in ultra high performance liquid chromatography through latest generation superficially porous particles with particular emphasis to the field of chiral separations. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2457-2465.	1.9	32
21	Recognition mechanism of aromatic derivatives resolved by argentation chromatography: The driving role played by substituent groups. <i>Analytica Chimica Acta</i> , 2018, 1019, 135-141.	2.6	4
22	On the effect of chiral selector loading and mobile phase composition on adsorption properties of latest generation fully- and superficially-porous Whelk-O1 particles for high-efficient ultrafast enantioseparations. <i>Journal of Chromatography A</i> , 2018, 1579, 41-48.	1.8	25
23	The Way to Ultrafast, High-Throughput Enantioseparations of Bioactive Compounds in Liquid and Supercritical Fluid Chromatography. <i>Molecules</i> , 2018, 23, 2709.	1.7	34
24	Recent Developments in Chiral Separations by Supercritical Fluid Chromatography. , 2018, , 607-629.		7
25	Direct analysis of chiral active pharmaceutical ingredients and their counterions by ultra high performance liquid chromatography with macrocyclic glycopeptide-based chiral stationary phases. <i>Journal of Chromatography A</i> , 2018, 1576, 42-50.	1.8	32
26	Unmatched Kinetic Performance in Enantioselective Supercritical Fluid Chromatography by Combining Latest Generation Whelk-O1 Chiral Stationary Phases with a Low-Dispersion in-House Modified Equipment. <i>Analytical Chemistry</i> , 2018, 90, 10828-10836.	3.2	29
27	Simultaneous Preconcentration, Identification, and Quantitation of Selenoamino Acids in Oils by Enantioselective High Performance Liquid Chromatography and Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 8326-8330.	3.2	7
28	Development of an improved online comprehensive hydrophilic interaction chromatography—Reversed-phase ultra-high-pressure liquid chromatography platform for complex multiclass polyphenolic sample analysis. <i>Journal of Separation Science</i> , 2017, 40, 2188-2197.	1.3	45
29	A multidimensional liquid chromatography—tandem mass spectrometry platform to improve protein identification in high-throughput shotgun proteomics. <i>Journal of Chromatography A</i> , 2017, 1498, 176-182.	1.8	14
30	Recent advancements and future directions of superficially porous chiral stationary phases for ultrafast high-performance enantioseparations. <i>Analyst</i> , The, 2017, 142, 555-566.	1.7	64
31	<i>Cannabis</i> through the looking glass: chemo- and enantio-selective separation of phytocannabinoids by enantioselective ultra high performance supercritical fluid chromatography. <i>Chemical Communications</i> , 2017, 53, 12262-12265.	2.2	52
32	Future perspectives in high efficient and ultrafast chiral liquid chromatography through zwitterionic teicoplanin-based 2- μm superficially porous particles. <i>Journal of Chromatography A</i> , 2017, 1520, 91-102.	1.8	40
33	Chiral Separations. <i>Chiral Dynamic Chromatography in the Study of Stereolabile Compounds.</i> , 2017, , 89-114.		3
34	Capillary methacrylate-based monoliths by grafting from/to $\hat{1}^3$ -ray polymerization on a tentacle-type reactive surface for the liquid chromatographic separations of small molecules and intact proteins. <i>Journal of Chromatography A</i> , 2017, 1498, 46-55.	1.8	15
35	Rationale behind the optimum efficiency of columns packed with new 1.9 $\hat{1}^4$ μm fully porous particles of narrow particle size distribution. <i>Journal of Chromatography A</i> , 2016, 1454, 78-85.	1.8	49
36	Experimental evidence of the kinetic performance achievable with columns packed with new 1.9 $\hat{1}^4$ μm fully porous particles of narrow particle size distribution. <i>Journal of Chromatography A</i> , 2016, 1454, 86-92.	1.8	33

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37	Pirkle-type chiral stationary phase on core-shell and fully porous particles: Are superficially porous particles always the better choice toward ultrafast high-performance enantioseparations?. <i>Journal of Chromatography A</i> , 2016, 1466, 96-104.	1.8	71
38	Ultra-fast high-efficiency enantioseparations by means of a teicoplanin-based chiral stationary phase made on sub-2 μ m totally porous silica particles of narrow size distribution. <i>Journal of Chromatography A</i> , 2016, 1427, 55-68.	1.8	75
39	Expanding the potential of chiral chromatography for high-throughput screening of large compound libraries by means of sub-2 μ m Whelk-O 1 stationary phase in supercritical fluid conditions. <i>Journal of Chromatography A</i> , 2015, 1383, 160-168.	1.8	48
40	Revealing the Fine Details of Functionalized Silica Surfaces by Solid-State NMR and Adsorption Isotherm Measurements: The Case of Fluorinated Stationary Phases for Liquid Chromatography. <i>Chemistry - A European Journal</i> , 2014, 20, 8138-8148.	1.7	12
41	Separation of complex sugar mixtures on a hydrolytically stable bidentate urea-type stationary phase for hydrophilic interaction near ultra high performance liquid chromatography. <i>Journal of Separation Science</i> , 2014, 37, 527-535.	1.3	19
42	Thermodynamic and kinetic investigation of monoketo-aldehyde-peroxyhemiacetal (MKA), a stereolabile degradation product of dihydroartemisinin. <i>RSC Advances</i> , 2014, 4, 32847-32857.	1.7	8
43	Enantioseparation by ultra-high-performance liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 63, 95-103.	5.8	48
44	Understanding Mixed-Mode Retention Mechanisms in Liquid Chromatography with Hydrophobic Stationary Phases. <i>Analytical Chemistry</i> , 2014, 86, 4919-4926.	3.2	26
45	Toward enantioselective nano ultrahigh-performance liquid chromatography with Whelk-O1 chiral stationary phase. <i>Electrophoresis</i> , 2014, 35, 2819-2823.	1.3	11
46	Dynamic high performance liquid chromatography on chiral stationary phases. Low temperature separation of the interconverting enantiomers of diazepam, flunitrazepam, prazepam and tetrazepam. <i>Journal of Chromatography A</i> , 2014, 1363, 144-149.	1.8	40
47	Chiral Supramolecular Selectors for Enantiomer Differentiation in Liquid Chromatography. <i>Topics in Current Chemistry</i> , 2013, 340, 73-105.	4.0	21
48	Analysis of bovine milk caseins on organic monolithic columns: An integrated capillary liquid chromatography-high resolution mass spectrometry approach for the study of time-dependent casein degradation. <i>Journal of Chromatography A</i> , 2013, 1313, 259-269.	1.8	29
49	Bidentate urea-based chiral selectors for enantioselective high performance liquid chromatography: Synthesis and evaluation of Crab-like-stationary phases. <i>Journal of Chromatography A</i> , 2013, 1297, 157-167.	1.8	10
50	Geometric characterization of straight-chain perfluorohexylpropyl adsorbents for high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2013, 1286, 47-54.	1.8	8
51	A New Method to Investigate the Intrusion of Water into Porous Hydrophobic Structures under Dynamic Conditions. <i>Analytical Chemistry</i> , 2013, 85, 19-22.	3.2	15
52	Fluorous Affinity Chromatography for Enrichment and Determination of Perfluoroalkyl Substances. <i>Analytical Chemistry</i> , 2012, 84, 7138-7145.	3.2	35
53	Absolute configuration and biological profile of two thiazinooxadiazol-3-ones with L-type calcium channel activity: a study of the structural effects. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8994.	1.5	9
54	Enantioselective ultra-high and high performance liquid chromatography: A comparative study of columns based on the Whelk-O1 selector. <i>Journal of Chromatography A</i> , 2012, 1269, 226-241.	1.8	40

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55	The dynamic chromatographic behavior of tri-o-thymotide on HPLC chiral stationary phases. <i>Chemical Communications</i> , 2012, 48, 3167.	2.2	14
56	Introducing Enantioselective Ultrahigh-Pressure Liquid Chromatography (eUHPLC): Theoretical Inspections and Ultrafast Separations on a New Sub-2- μ m Whelk-O1 Stationary Phase. <i>Analytical Chemistry</i> , 2012, 84, 6805-6813.	3.2	83
57	Design and evaluation of hydrolytically stable bidentate urea-type stationary phases for hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , 2012, 1232, 196-211.	1.8	31
58	Inductive and Mesomeric Effects of the [60]Fulleropyrrolidine Fragment and [60]Fullerene Sphere: A Quantitative Evaluation Based on Theory and Experiments. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 193-202.	1.2	2
59	Stereolability of Dihydroartemisinin, an Antimalarial Drug: A Comprehensive Kinetic Investigation. Part 2. <i>Journal of Organic Chemistry</i> , 2011, 76, 4831-4840.	1.7	17
60	Stereolability of Dihydroartemisinin, an Antimalarial Drug: A Comprehensive Thermodynamic Investigation. Part 1. <i>Journal of Organic Chemistry</i> , 2011, 76, 1751-1758.	1.7	19
61	New Anthranilic Acid Based Antagonists with High Affinity and Selectivity for the Human Cholecystokinin Receptor 1 (hCCK ₁ -R). <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5769-5785.	2.9	4
62	Immobilized trypsin on epoxy organic monoliths with modulated hydrophilicity: Novel bioreactors useful for protein analysis by liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 8937-8945.	1.8	43
63	Facial control of gas-phase enantioselectivity of strapped tetra-amide macrocycles. <i>Rendiconti Lincei</i> , 2011, 22, 191-199.	1.0	2
64	NMR and Computational Investigations of the Chiral Discrimination Processes Involving a Cyclic Tetraamidic Chiral Selector. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3738-3747.	1.2	7
65	The "Bridge-Game": Role of the Fourth Player in Chiral Recognition. <i>Chemistry - A European Journal</i> , 2011, 17, 3078-3081.	1.7	5
66	Efficient organic monoliths prepared by β -radiation induced polymerization in the evaluation of histone deacetylase inhibitors by capillary(nano)-high performance liquid chromatography and ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 3862-3875.	1.8	16
67	Solving the Puzzling Absolute Configuration Determination of a Flexible Molecule by Vibrational and Electronic Circular Dichroism Spectroscopies and DFT Calculations: The Case Study of a Chiral 2,2'-Dinitro-2,2'-biaziridine. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6193-6199.	1.2	11
68	Synthesis of Sugar-Based Silica Gels by Copper-Catalysed Azide-Alkyne Cycloaddition via a Single-Step Azido-Activated Silica Intermediate and the Use of the Gels in Hydrophilic Interaction Chromatography. <i>Chemistry - A European Journal</i> , 2010, 16, 5712-5722.	1.7	63
69	Hybrid polyacrylamide chiral stationary phases for HPLC prepared by surface-initiated photopolymerization. <i>Journal of Separation Science</i> , 2010, 33, 3022-3032.	1.3	5
70	Transition from enantioselective high performance to ultra-high performance liquid chromatography: A case study of a brush-type chiral stationary phase based on sub-5-micron to sub-2-micron silica particles. <i>Journal of Chromatography A</i> , 2010, 1217, 990-999.	1.8	64
71	Extending the use of "Inverted Chirality Columns Approach" for enantiomeric excess determination in absence of reference samples: Application to a water-soluble camptothecin derivative. <i>Journal of Chromatography A</i> , 2010, 1217, 1024-1032.	1.8	30
72	Characterization of new types of stationary phases for fast and ultra-fast liquid chromatography by signal processing based on AutoCovariance Function: A case study of application to <i>Passiflora incarnata</i> L. extract separations. <i>Journal of Chromatography A</i> , 2010, 1217, 4355-4364.	1.8	23

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73	Stereodynamic Investigation of Labile Stereogenic Centres in Dihydroartemisinin. <i>Molecules</i> , 2010, 15, 1309-1323.	1.7	20
74	An enzymatic, stereoselective synthesis of (S)-norcoclaurine. <i>Green Chemistry</i> , 2010, 12, 1623.	4.6	55
75	A rational approach to predict and modulate stereolability of chiral $\hat{\pm}$ substituted ketones. <i>Chirality</i> , 2009, 21, 24-34.	1.3	15
76	Gas-phase enantioselective reactions in noncovalent ion-molecule complexes. <i>Chirality</i> , 2009, 21, 69-86.	1.3	29
77	Dynamic HPLC of stereolabile iron(II) complexes on chiral stationary phases. <i>Chirality</i> , 2009, 21, 97-103.	1.3	23
78	An Unexpected Highly Stereoselective Bisaziridination of (<i>E</i>,<i>E</i>)-1,4-Dialkyl-2,3-dinitrobutadienes Followed by a Nitro Group Driven Ring Enlargement. <i>Journal of Organic Chemistry</i> , 2009, 74, 9314-9318.	1.7	17
79	Stereoselective Behavior of the Functional Diltiazem Analogue 1-[(4-Chlorophenyl)sulfonyl]-2-(2-thienyl)pyrrolidine, a New L-Type Calcium Channel Blocker. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 6637-6648.	2.9	10
80	Binding of Dipeptides and Amino Acids to Teicoplanin Chiral Stationary Phase: Apparent Homogeneity of Some Heterogeneous Systems. <i>Analytical Chemistry</i> , 2009, 81, 6735-6743.	3.2	18
81	Towards enzyme-like enantioselectivity in the gas phase: conformational control of selectivity in chiral macrocyclic dimers. <i>Chemical Communications</i> , 2009, , 5430.	2.2	7
82	Gas-phase structure and relative stability of proton-bound homo- and heterochiral clusters of tetra-amide macrocycles with amines. <i>Collection of Czechoslovak Chemical Communications</i> , 2009, 74, 275-297.	1.0	9
83	Efficient Thia-bridged Triarylamine Heterohelicenes: Synthesis, Resolution, and Absolute Configuration Determination. <i>Chemistry - A European Journal</i> , 2008, 14, 5747-5750.	1.7	53
84	On-column epimerization of dihydroartemisinin: An effective analytical approach to overcome the shortcomings of the International Pharmacopoeia monograph†. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 875, 180-191.	1.2	23
85	New chiral and restricted-access materials containing glycopeptides as selectors for the high-performance liquid chromatographic determination of chiral drugs in biological matrices. <i>Journal of Chromatography A</i> , 2008, 1191, 205-213.	1.8	22
86	Determination of the absolute configurations of chiral organometallic complexes via density functional theory calculations of their vibrational circular dichroism spectra: The chiral chromium tricarbonyl complex of N-pivaloyl-tetrahydroquinoline. <i>Inorganica Chimica Acta</i> , 2008, 361, 987-999.	1.2	19
87	Enantiomerization of Chiral Uranyl-Salophen Complexes via Unprecedented Ligand Hemilability: Toward Configurationally Stable Derivatives. <i>Journal of Organic Chemistry</i> , 2008, 73, 6108-6118.	1.7	26
88	Induced-Fit in the Gas Phase: Conformational Effects on the Enantioselectivity of Chiral Tetra-Amide Macrocycles. <i>Journal of the American Chemical Society</i> , 2008, 130, 522-534.	6.6	37
89	Adsorption Mechanisms in Normal-Phase Chromatography. Mobile-Phase Modifier Adsorption from Dilute Solutions and Displacement Effect. <i>Analytical Chemistry</i> , 2007, 79, 3802-3809.	3.2	15
90	Combination of HPLC -Inverted Chirality Columns Approach and MS/MS Detection for Extreme Enantiomeric Excess Determination Even in Absence of Reference Samples. Application to Camptothecin Derivatives. <i>Analytical Chemistry</i> , 2007, 79, 6013-6019.	3.2	46

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91	Determination of the Absolute Configuration of a Chiral Oxadiazol-3-one Calcium Channel Blocker, Resolved Using Chiral Chromatography, via Concerted Density Functional Theory Calculations of Its Vibrational Circular Dichroism, Electronic Circular Dichroism, and Optical Rotation. <i>Journal of Organic Chemistry</i> , 2007, 72, 4707-4715.	1.7	113
92	“Quasi flexible” automatic docking processing for studying stereoselective recognition mechanisms, part 2: Prediction of ^{13}C of complexation and ^1H -NMR NOE correlation. <i>Journal of Computational Chemistry</i> , 2007, 28, 1119-1128.	1.5	41
93	Synthesis and characterization of novel internal surface reversed-phase silica supports for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2007, 1176, 79-88.	1.8	15
94	A General Procedure for the Synthesis of Stereochemically Pure Conduiritol Derivatives Practical also for Solid-Phase Chemistry. <i>ACS Combinatorial Science</i> , 2006, 8, 74-78.	3.3	8
95	Calcium Channel Antagonists Discovered by a Multidisciplinary Approach. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 5206-5216.	2.9	61
96	Carbon nanotubes on HPLC silica microspheres. <i>Carbon</i> , 2006, 44, 1609-1613.	5.4	55
97	Simultaneous determination of 16 anti-HIV drugs in human plasma by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 831, 258-266.	1.2	124
98	Stereomutations of Atropisomers of Sterically Hindered Salophen Ligands.. <i>ChemInform</i> , 2006, 37, no.	0.1	0
99	Twenty years of research on silica-based chiral stationary phases. <i>Journal of Separation Science</i> , 2006, 29, 770-781.	1.3	32
100	Dynamic HPLC on chiral stationary phases: A powerful tool for the investigation of stereomutation processes. <i>Journal of Separation Science</i> , 2006, 29, 1508-1516.	1.3	102
101	New hybrid polymeric liquid chromatography chiral stationary phase prepared by surface-initiated polymerization. <i>Journal of Chromatography A</i> , 2005, 1064, 25-38.	1.8	53
102	NMR enantiodiscrimination by cyclic tetraamidic chiral solvating agents. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3746-3751.	1.8	23
103	An Efficient Route to Tetrahydronaphthols via Addition of Ortho-Lithiated Stilbene Oxides to β,γ -Unsaturated Fischer Carbene Complexes. <i>Organic Letters</i> , 2005, 7, 4895-4898.	2.4	25
104	Exceptional Gas-Phase Enantioselectivity of Chiral Tetramide Macrocycles. <i>Journal of the American Chemical Society</i> , 2005, 127, 11912-11913.	6.6	32
105	Stereomutations of Atropisomers of Sterically Hindered Salophen Ligands. <i>Journal of Organic Chemistry</i> , 2005, 70, 8877-8883.	1.7	50
106	Determination of the Polarities of Some Ionic Liquids Using 2-Nitrocyclohexanone as the Probe. <i>Journal of Organic Chemistry</i> , 2005, 70, 8193-8196.	1.7	70
107	Synthesis, Chromatographic Separation, Vibrational Circular Dichroism Spectroscopy, and ab Initio DFT Studies of Chiral Thiepane Tetraol Derivatives. <i>Journal of Organic Chemistry</i> , 2005, 70, 664-669.	1.7	44
108	Adsorption Equilibria of Benzodiazepines on a Hybrid Polymeric Chiral Stationary Phase. <i>Analytical Chemistry</i> , 2005, 77, 3113-3122.	3.2	21

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109	N-Terminal Anthranoyl-Phenylalanine Derivatives as CCK1 Receptor Antagonists: The Final Approach. <i>Medicinal Chemistry</i> , 2005, 1, 501-517.	0.7	4
110	Study of mechanisms of chiral discrimination of amino acids and their derivatives on a teicoplanin-based chiral stationary phase. <i>Journal of Chromatography A</i> , 2004, 1031, 143-158.	1.8	98
111	Enantio- and chemo-selective HPLC separations by chiral-achiral tandem-columns approach: the combination of CHIROBIOTIC TAG ₂ and SCX columns for the analysis of propionyl carnitine and related impurities. <i>Journal of Chromatography A</i> , 2004, 1061, 167-173.	1.8	23
112	Internal Motions in a Fulleropyrrolidine Tertiary Amide with Axial Chirality. <i>Journal of Organic Chemistry</i> , 2004, 69, 5785-5788.	1.7	11
113	Evaluation of teicoplanin chiral stationary phases of 3.5 and 5 $\frac{1}{4}$ μ m inside diameter silica microparticles by polar-organic mode capillary electrochromatography. <i>Electrophoresis</i> , 2003, 24, 3000-3005.	1.3	26
114	Natural and Totally Synthetic Receptors in the Innovative Design of HPLC Chiral Stationary Phases. <i>ChemInform</i> , 2003, 34, no.	0.1	0
115	Enantioselective liquid chromatographic-electrospray mass spectrometric assay of β -adrenergic blockers: application to a pharmacokinetic study of sotalol in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 796, 45-54.	1.2	32
116	Enantiomerization Study of Some α -Nitroketones by Dynamic High-Resolution Gas Chromatography. <i>Journal of Organic Chemistry</i> , 2003, 68, 3173-3177.	1.7	27
117	Natural and totally synthetic receptors in the innovative design of HPLC chiral stationary phases. <i>Pure and Applied Chemistry</i> , 2003, 75, 407-412.	0.9	16
118	Access to 5,5'-diaryl substituted 4,5,4',5'-tetrahydro[3,3']bi-isoxazolyl 2,2'-dioxides, 4,5,4',5'-tetrahydro[3,3']bi-isoxazolyls and [3,3']bi-isoxazolyls via an initial ring-opening of 3,4-dinitrothiophene. <i>Arkivoc</i> , 2003, 2002, 142-158.	0.3	17
119	Conformational Studies by Dynamic NMR. 86.1 Structure, Stereodynamics, and Cryogenic Enantioseparation of the Stereolabile Isomers of α -Dinaphthylphenyl Derivatives. <i>Journal of Organic Chemistry</i> , 2002, 67, 1663-1668.	1.7	47
120	Conformational Studies by Dynamic NMR. 89.1 Stereomutation and Cryogenic Enantioseparation of Conformational Antipodes of Hindered Aryl Oximes. <i>Journal of Organic Chemistry</i> , 2002, 67, 3089-3095.	1.7	29
121	The first gas chromatographic resolution of carnitine enantiomers. <i>Chemical Communications</i> , 2002, , 474-475.	2.2	3
122	A Chiral A ₂ B ₂ Macrocyclic Minireceptor with Extreme Enantioselectivity. <i>Organic Letters</i> , 2002, 4, 3993-3996.	2.4	40
123	From 3,4-Dinitrothiophene to Nitrocyclopropanes and 1,1 α -Dinitro-1,1 α -bi(cyclopropyl) Compounds. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 1284-1291.	1.2	14
124	Enantioselective semi-preparative HPLC of two 2-arylpropionic acids on glycopeptides containing chiral stationary phases. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 69-75.	1.8	10
125	Isolation and structure elucidation of four new triterpenoid estersaponins from fruits of <i>Pittosporum tobira</i> ait.. <i>Tetrahedron</i> , 2002, 58, 10127-10136.	1.0	34
126	Hindered Inversion of Chiral Ion \cdots Dipole Pairs. <i>Journal of the American Chemical Society</i> , 2001, 123, 2251-2254.	6.6	12

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127	Study of the Aggregation Properties of a Novel Amphiphilic C60 Fullerene Derivative. <i>Langmuir</i> , 2001, 17, 6404-6407.	1.6	63
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