

# Claudio Villani

## List of Publications by Year in descending order

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188  
papers

5,344  
citations

71061

41  
h-index

128225

60  
g-index

202  
all docs

202  
docs citations

202  
times ranked

4055  
citing authors

#	ARTICLE	IF	CITATIONS
1	Primary Amine Catalyzed Activation of Carbonyl Compounds: A Study on Reaction Pathways and Reactive Intermediates by Mass Spectrometry. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	3
2	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
3	Accelerated $\alpha$ -Fructose Acid-Catalyzed Reactions in Thin Films Formed by Charged Microdroplets Deposition. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 565-572.	1.2	4
4	Synthesis, Stereochemical and Photophysical Properties of Functionalized Thiahelicenes. <i>Catalysts</i> , 2022, 12, 366.	1.6	5
5	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
6	Chiral bis(benzo[1,2-b:4,3-b $\prime$ ]dithiophene) atropisomers: experimental and theoretical investigations of the stereochemical and chiroptical properties. <i>New Journal of Chemistry</i> , 2021, 45, 16442-16451.	1.4	0
7	Comparison of Coated and Immobilized Chiral Stationary Phases Based on Amylose tris-[(S)-1-Methylbenzylcarbamate] for the HPLC Enantiomer Separation of $\pm$ -Lipoic Acid and Its Reduced Form. <i>Molecules</i> , 2021, 26, 1747.	1.7	10
8	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
9	Salivary caffeine in Parkinson's disease. <i>Scientific Reports</i> , 2021, 11, 9823.	1.6	9
10	Low Temperature Dynamic Chromatography for the Separation of the Interconverting Conformational Enantiomers of the Benzodiazepines Clonazolam, Flubromazolam, Diclazepam and Flurazepam. <i>Symmetry</i> , 2021, 13, 1012.	1.1	3
11	Chromatographic separation of the interconverting enantiomers of imidazo- and triazole-fused benzodiazepines. <i>Journal of Chromatography A</i> , 2021, 1647, 462148.	1.8	7
12	Simultaneous enantio- and diastereo-selective high-performance liquid chromatography separation of paroxetine on an immobilized amylose-based chiral stationary phase under green reversed-phase conditions. <i>Journal of Chromatography A</i> , 2021, 1653, 462406.	1.8	9
13	Triptycene derivatives as chiral probes for studying the molecular enantio-recognition on sub- $\mu$ m particle cellulose tris(3,5-dimethylphenylcarbamate) chiral stationary phase. <i>Chirality</i> , 2021, 33, 883-890.	1.3	4
14	Molecular Recognition of the HPLC Whelk-O1 Selector towards the Conformational Enantiomers of Nevirapine and Oxcarbazepine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 144.	1.8	6
15	Single-run reversed-phase HPLC method for determining sertraline content, enantiomeric purity, and related substances in drug substance and finished product. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 610-616.	2.4	14
16	Unusual complexation behavior between daclatasvir and $\beta$ -Cyclodextrin. A multiplatform study. <i>Journal of Chromatography A</i> , 2020, 1628, 461448.	1.8	12
17	Synthesis, Resolution, Configurational Stability, and Properties of Cationic Functionalized [5]Helicenes. <i>Journal of Organic Chemistry</i> , 2020, 85, 11908-11923.	1.7	11
18	High-throughput enantioseparation of $\alpha$ -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

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19	Direct HPLC enantioseparation of chemopreventive chiral isothiocyanates sulforaphane and iberin on immobilized amylose-based chiral stationary phases under normal-phase, polar organic and aqueous conditions. <i>Talanta</i> , 2020, 218, 121151.	2.9	7
20	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
21	Determination of the absolute configuration of conformationally flexible molecules by simulation of chiro-optical spectra: a case study. <i>RSC Advances</i> , 2019, 9, 18165-18175.	1.7	10
22	Four-Fold Alkyne Benzannulation: Synthesis, Properties, and Structure of Pyreno[ <i>a</i> ]pyrene-Based Helicene Hybrids. <i>Organic Letters</i> , 2019, 21, 8652-8656.	2.4	32
23	Insights into the Phytochemistry of the Cuban Endemic Medicinal Plant <i>Phyllanthus orbicularis</i> : Fideloside, a Novel Bioactive 8-C-glycosyl 2,3-Dihydroflavonol. <i>Molecules</i> , 2019, 24, 2855.	1.7	10
24	CF <sub>3</sub> : an overlooked chromophore in VCD spectra. A review of recent applications in structural determination. <i>RSC Advances</i> , 2019, 9, 11781-11796.	1.7	7
25	A Silica-Supported Catalyst Containing 9-Amino-deoxy-epi-quinine and a Benzoic Acid Derivative for Stereoselective Batch and Flow Heterogeneous Reactions. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2020-2028.	1.2	11
26	Synthesis of Heterohelicenes by a Catalytic Multi-Component Povarov Reaction. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 164-167.	1.2	13
27	Stepwise $\alpha$ -bridge-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
28	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
29	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
30	Recent Developments in Chiral Separations by Supercritical Fluid Chromatography. , 2018, , 607-629.		7
31	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
32	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
33	Stereochemical Stability and Absolute Configuration of Atropisomeric Alkylthioporphyrazines by Dynamic NMR and HPLC Studies and Computational Analysis of HPLC-ECD Recorded Spectra. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4029-4037.	1.2	17
34	Thioethyl-Porphyrazine/Nanocarbon Hybrids for Photoinduced Electron Transfer. <i>Advanced Functional Materials</i> , 2018, 28, 1705418.	7.8	22
35	<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
36	Chiral Peropyrene: Synthesis, Structure, and Properties. <i>Journal of the American Chemical Society</i> , 2017, 139, 13102-13109.	6.6	99

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37	Future perspectives in high efficient and ultrafast chiral liquid chromatography through zwitterionic teicoplanin-based 2- $\mu\text{m}$ superficially porous particles. <i>Journal of Chromatography A</i> , 2017, 1520, 91-102.	1.8	40
38	Chiral Separations. Chiral Dynamic Chromatography in the Study of Stereolabile Compounds. , 2017, , 89-114.		3
39	Click-hyaluronan based nanohydrogels as multifunctionalizable carriers for hydrophobic drugs. <i>Carbohydrate Polymers</i> , 2017, 174, 706-715.	5.1	26
40	Equilibrium condition and stabilization kinetics of lactic acid oligomers in aqueous solutions. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 863-870.	0.9	5
41	Capillary methacrylate-based monoliths by grafting from/to $\text{I}^3$ -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
42	Rationale behind the optimum efficiency of columns packed with new 1.9- $\mu\text{m}$ fully porous particles of narrow particle size distribution. <i>Journal of Chromatography A</i> , 2016, 1454, 78-85.	1.8	49
43	Experimental evidence of the kinetic performance achievable with columns packed with new 1.9- $\mu\text{m}$ fully porous particles of narrow particle size distribution. <i>Journal of Chromatography A</i> , 2016, 1454, 86-92.	1.8	33
44	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
45	Editors' Note: Chirality in Separation Science and Molecular Recognition Honoring Prof. F. Gasparrini Thematic Issue 2016. <i>Chirality</i> , 2016, 28, 708-708.	1.3	0
46	Dynamic Behavior of Clobazam on High-Performance Liquid Chromatography Chiral Stationary Phases. <i>Chirality</i> , 2016, 28, 17-21.	1.3	14
47	High-Performance Liquid Chromatographic Resolution of Neutral and Cationic Hetero[6]Helicenes. <i>Chirality</i> , 2016, 28, 282-289.	1.3	22
48	Atropisomerism in 3-arylthiazolidine-2-thiones. A combined dynamic NMR and dynamic HPLC study. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 11137-11147.	1.5	19
49	Chiroptical properties of the ground and excited states of two thia-bridged triarylamine heterohelicenes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 138-145.	2.0	39
50	Ultra-fast high-efficiency enantioseparations by means of a teicoplanin-based chiral stationary phase made on sub-2- $\mu\text{m}$ totally porous silica particles of narrow size distribution. <i>Journal of Chromatography A</i> , 2016, 1427, 55-68.	1.8	75
51	Diastereomer Interconversion via Enolization: A Case Study. <i>Chirality</i> , 2015, 27, 779-783.	1.3	5
52	Vibrational Circular Dichroism (VCD) Reveals Subtle Conformational Aspects and Intermolecular Interactions in the Carnitine Family. <i>Chirality</i> , 2015, 27, 907-913.	1.3	7
53	Expanding the potential of chiral chromatography for high-throughput screening of large compound libraries by means of sub-2- $\mu\text{m}$ Whelk-O 1 stationary phase in supercritical fluid conditions. <i>Journal of Chromatography A</i> , 2015, 1383, 160-168.	1.8	48
54	Polyspartamide-Doxorubicin Conjugate as Potential Prodrug for Anticancer Therapy. <i>Pharmaceutical Research</i> , 2015, 32, 1557-1569.	1.7	19

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55	Highly versatile nanohydrogel platform based on riboflavin-polysaccharide derivatives useful in the development of intrinsically fluorescent and cytocompatible drug carriers. <i>Carbohydrate Polymers</i> , 2015, 115, 502-509.	5.1	27
56	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
57	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
58	Helical Sense-Responsive and Substituent-Sensitive Features in Vibrational and Electronic Circular Dichroism, in Circularly Polarized Luminescence, and in Raman Spectra of Some Simple Optically Active Hexahelicenes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 1682-1695.	1.5	135
59	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
60	Yonemitsu-type condensations catalysed by proline and Eu(OTf) <sub>3</sub> . <i>RSC Advances</i> , 2014, 4, 47992-47999.	1.7	11
61	Enantioseparation by ultra-high-performance liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 63, 95-103.	5.8	48
62	Toward enantioselective nano ultrahigh-performance liquid chromatography with Whelk-O1 chiral stationary phase. <i>Electrophoresis</i> , 2014, 35, 2819-2823.	1.3	11
63	Isolation and Identification of 2,4,6-Trihydroxyphenanthrene as a Byproduct of trans-Resveratrol Photochemical Isomerization and Electrocyclization. <i>Journal of Organic Chemistry</i> , 2014, 79, 9381-9384.	1.7	18
64	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
65	Thermal behaviour of poly(dimethylsiloxane) hybrid silicas prepared by radiation grafting. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 703-711.	2.0	1
66	Chiral Supramolecular Selectors for Enantiomer Differentiation in Liquid Chromatography. <i>Topics in Current Chemistry</i> , 2013, 340, 73-105.	4.0	21
67	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
68	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
69	Raman and ROA Spectra of (âˆ“)- and (+)-2-Br-Hexahelicene: Experimental and DFT Studies of a Î€-Conjugated Chiral System. <i>Journal of Physical Chemistry B</i> , 2013, 117, 2221-2230.	1.2	42
70	Enantioselective Supramolecular Carriers for Nucleoside Drugs. A Thermodynamic and Kinetic Gas Phase Investigation. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 1778-1785.	1.2	2
71	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
72	The dynamic chromatographic behavior of tri-o-thymotide on HPLC chiral stationary phases. <i>Chemical Communications</i> , 2012, 48, 3167.	2.2	14

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73	Introducing Enantioselective Ultrahigh-Pressure Liquid Chromatography (eUHPLC): Theoretical Inspections and Ultrafast Separations on a New Sub-2- $\mu$ m Whelk-O1 Stationary Phase. <i>Analytical Chemistry</i> , 2012, 84, 6805-6813.	3.2	83
74	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
75	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
76	Application of Circular Dichroism Spectroscopy in the Study of Mixed-Valence Asymmetric Ruthenium Polypyridyl Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 5861-5863.	1.9	11
77	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
78	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
79	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
80	Facial control of gas-phase enantioselectivity of strapped tetra-amide macrocycles. <i>Rendiconti Lincei</i> , 2011, 22, 191-199.	1.0	2
81	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
82	The "Bridge" Game: Role of the Fourth Player in Chiral Recognition. <i>Chemistry - A European Journal</i> , 2011, 17, 3078-3081.	1.7	5
83	Efficient organic monoliths prepared by $\gamma$ -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
84	Chiral recognition in aggregates formed by chiral bola-amphiphiles. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2117-2123.	1.8	5
85	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
86	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
87	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
88	Stereodynamic Investigation of Labile Stereogenic Centres in Dihydroartemisinin. <i>Molecules</i> , 2010, 15, 1309-1323.	1.7	20
89	Gas-phase enantioselective reactions in noncovalent ion-molecule complexes. <i>Chirality</i> , 2009, 21, 69-86.	1.3	29
90	Dynamic HPLC of stereolabile iron(II) complexes on chiral stationary phases. <i>Chirality</i> , 2009, 21, 97-103.	1.3	23

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91	Special issue dedicated to Professor Domenico Misiti. <i>Chirality</i> , 2009, 21, 1-1.	1.3	5
92	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
93	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
94	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
95	Efficient Thia-bridged Triarylamine Heterohelicenes: Synthesis, Resolution, and Absolute Configuration Determination. <i>Chemistry - A European Journal</i> , 2008, 14, 5747-5750.	1.7	53
96	HPLC enantioseparation and absolute configuration of novel anti-inflammatory pyrrole derivatives. <i>Chirality</i> , 2008, 20, 775-780.	1.3	12
97	Enantiodiscrimination of bilirubin-IX $\pm$ enantiomers in biomembrane models: Has chirality a role in bilirubin toxicity?. <i>Bioorganic Chemistry</i> , 2008, 36, 252-254.	2.0	8
98	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
99	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
100	Concentration as the Switch for Chiral Recognition in Biomembrane Models. <i>Journal of the American Chemical Society</i> , 2008, 130, 2732-2733.	6.6	31
101	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
102	HPLC chiral stationary phases containing macrocyclic antibiotics: practical aspects and recognition mechanism. <i>Advances in Chromatography</i> , 2008, 46, 109-73.	1.0	14
103	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
104	Effective HPLC resolution of [4]heterohelicenic dyes on chiral stationary phases using reversed-phase eluents. <i>Chirality</i> , 2007, 19, 601-606.	1.3	30
105	Quasi flexible automatic docking processing for studying stereoselective recognition mechanisms, part 2: Prediction of $^1J^{\text{H}}^{\text{C}}$ of complexation and $^1\text{H-NMR}$ NOE correlation. <i>Journal of Computational Chemistry</i> , 2007, 28, 1119-1128.	1.5	41
106	Discrimination of the enantiomers of biphenylic derivatives in micellar aggregates formed by chiral amidic surfactants. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1868-1876.	1.8	14
107	Carbon nanotubes on HPLC silica microspheres. <i>Carbon</i> , 2006, 44, 1609-1613.	5.4	55
108	Diastereomeric cinchona based surfactants: features and chirality expression of their aggregates. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 1603-1608.	1.8	4

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109	Twenty years of research on silica-based chiral stationary phases. <i>Journal of Separation Science</i> , 2006, 29, 770-781.	1.3	32
110	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
111	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
112	NMR enantiodiscrimination by cyclic tetraamidic chiral solvating agents. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3746-3751.	1.8	23
113	The Associative Properties of Some Amphiphilic Fullerene Derivatives. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 1884-1891.	1.2	17
114	An Effective Simulation of Aqueous Micellar Aggregates by Computational Models. <i>Journal of Computer-Aided Molecular Design</i> , 2005, 19, 259-269.	1.3	4
115	Exceptional Gas-Phase Enantioselectivity of Chiral Tetramide Macrocycles. <i>Journal of the American Chemical Society</i> , 2005, 127, 11912-11913.	6.6	32
116	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
117	Adsorption Equilibria of Benzodiazepines on a Hybrid Polymeric Chiral Stationary Phase. <i>Analytical Chemistry</i> , 2005, 77, 3113-3122.	3.2	21
118	pH Variation as the Switch for Chiral Recognition in a Biomembrane Model. <i>Journal of the American Chemical Society</i> , 2005, 127, 13762-13763.	6.6	28
119	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
120	New biphenylic derivatives: synthesis, characterisation and enantiodiscrimination in chiral aggregates. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 987-994.	1.8	24
121	Internal Motions in a Fulleropyrrolidine Tertiary Amide with Axial Chirality. <i>Journal of Organic Chemistry</i> , 2004, 69, 5785-5788.	1.7	11
122	A New Simple Procedure for Discriminating between Deracemization and an Induced CD Effect in Chiral Recognition Experiments on Atropoisomers. <i>Organic Letters</i> , 2004, 6, 1565-1568.	2.4	9
123	Natural and Totally Synthetic Receptors in the Innovative Design of HPLC Chiral Stationary Phases. <i>ChemInform</i> , 2003, 34, no.	0.1	0
124	Determination of the rotational barrier of a chiral biphenyl: Comparison of theoretical and experimental data. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3117-3122.	1.8	45
125	Enantiomerization Study of Some $\hat{\pm}$ -Nitroketones by Dynamic High-Resolution Gas Chromatography. <i>Journal of Organic Chemistry</i> , 2003, 68, 3173-3177.	1.7	27
126	Structural and photophysical characterisation of coordination and optical isomers of mononuclear ruthenium(ii) polypyridyl 1,2,4-triazole complexes. Electronic supplementary information (ESI) available: analytical and semipreparative HPLC chromatograms, CD and UV/vis spectra. See <a href="http://www.rsc.org/suppdata/dt/b3/b301961f/">http://www.rsc.org/suppdata/dt/b3/b301961f/</a> . <i>Dalton Transactions</i> , 2003, , 2597.	1.6	33



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127	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
128	Conformational Studies by Dynamic NMR. 86.1 Structure, Stereodynamics, and Cryogenic Enantioseparation of the Stereolabile Isomers of <i>o</i> -Dinaphthylphenyl Derivatives. <i>Journal of Organic Chemistry</i> , 2002, 67, 1663-1668.	1.7	47
129	The first gas chromatographic resolution of carnitine enantiomers. <i>Chemical Communications</i> , 2002, , 474-475.	2.2	3
130	A Chiral A2B2 Macrocyclic Minireceptor with Extreme Enantioselectivity. <i>Organic Letters</i> , 2002, 4, 3993-3996.	2.4	40
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