

Alessia Ciogli

List of Publications by Year in descending order

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papers

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218677

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h-index

265206

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90
all docs

90
docs citations

90
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Remote Control of Axial Chirality: Aminocatalytic Desymmetrization of <i>N</i> -Arylmaleimides via Vinylogous Michael Addition. <i>Journal of the American Chemical Society</i> , 2014, 136, 10250-10253.	13.7	134
2	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.	3.7	98
3	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.	6.5	83
4	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.	3.7	75
5	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.	3.7	71
6	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.	3.7	64
7	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.	3.3	63
8	Calcium Channel Antagonists Discovered by a Multidisciplinary Approach. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 5206-5216.	6.4	61
9	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.	2.5	59
10	Carbon nanotubes on HPLC silica microspheres. <i>Carbon</i> , 2006, 44, 1609-1613.	10.3	55
11	Efficient Thia-Bridged Triarylamine Heterohelicenes: Synthesis, Resolution, and Absolute Configuration Determination. <i>Chemistry - A European Journal</i> , 2008, 14, 5747-5750.	3.3	53
12	Organocatalytic Atroposelective Formal Diels-Alder Desymmetrization of <i>N</i> -Arylmaleimides. <i>Organic Letters</i> , 2015, 17, 1728-1731.	4.6	51
13	Rationale behind the optimum efficiency of columns packed with new 1.9- μ m fully porous particles of narrow particle size distribution. <i>Journal of Chromatography A</i> , 2016, 1454, 78-85.	3.7	49
14	Enantioseparation by ultra-high-performance liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 63, 95-103.	11.4	48
15	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.	3.7	48
16	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.	6.5	46
17	Chemical, computational and functional insights into the chemical stability of the Hedgehog pathway inhibitor GANT61. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 349-358.	5.2	45
18	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.	3.7	40

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19	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.	3.7	40
20	Future perspectives in high efficient and ultrafast chiral liquid chromatography through zwitterionic teicoplanin-based 2- μ m superficially porous particles. <i>Journal of Chromatography A</i> , 2017, 1520, 91-102.	3.7	40
21	Experimental evidence of the kinetic performance achievable with columns packed with new 1.9- μ m fully porous particles of narrow particle size distribution. <i>Journal of Chromatography A</i> , 2016, 1454, 86-92.	3.7	33
22	Atropisomers of Arylmaleimides: Stereodynamics and Absolute Configuration. <i>Journal of Organic Chemistry</i> , 2013, 78, 3709-3719.	3.2	32
23	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.	3.7	32
24	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.	3.7	31
25	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.	3.7	30
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.	6.5	29
27	Evaluation of two sub-2- μ m stationary phases, core-shell and totally porous monodisperse, in the second dimension of on-line comprehensive two dimensional liquid chromatography, a case study: Separation of milk peptides after expiration date. <i>Journal of Chromatography A</i> , 2015, 1375, 54-61.	3.7	27
28	Enantiomerization of Chiral Uranyl-Salophen Complexes via Unprecedented Ligand Hemilability: Toward Configurationally Stable Derivatives. <i>Journal of Organic Chemistry</i> , 2008, 73, 6108-6118.	3.2	26
29	Understanding Mixed-Mode Retention Mechanisms in Liquid Chromatography with Hydrophobic Stationary Phases. <i>Analytical Chemistry</i> , 2014, 86, 4919-4926.	6.5	26
30	Determination of enantiomerization barriers of hypericin and pseudohypericin by dynamic high-performance liquid chromatography on immobilized polysaccharide-type chiral stationary phases and off-column racemization experiments. <i>Chirality</i> , 2010, 22, 463-471.	2.6	25
31	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.	2.3	23
32	Dynamic HPLC of stereolabile iron(II) complexes on chiral stationary phases. <i>Chirality</i> , 2009, 21, 97-103.	2.6	23
33	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.	3.7	23
34	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.	3.7	22
35	Chiral Supramolecular Selectors for Enantiomer Differentiation in Liquid Chromatography. <i>Topics in Current Chemistry</i> , 2013, 340, 73-105.	4.0	21
36	Separation of intact proteins on Cray-induced polymethacrylate monolithic columns: A highly permeable stationary phase with high peak capacity for capillary high-performance liquid chromatography with high-resolution mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 264-271.	2.5	20

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37	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.	2.5	19
38	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.	6.5	18
39	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.	3.2	17
40	Selective and Practical Oxidation of Sulfides to Diastereopure Sulfoxides: A Combined Experimental and Computational Investigation. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 191-202.	4.3	17
41	ABCB1 Structural Models, Molecular Docking, and Synthesis of New Oxadiazolothiazin-3-one Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 694-698.	2.8	16
42	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.	3.7	15
43	A New Method to Investigate the Intrusion of Water into Porous Hydrophobic Structures under Dynamic Conditions. <i>Analytical Chemistry</i> , 2013, 85, 19-22.	6.5	15
44	Capillary methacrylate-based monoliths by grafting from/to $\hat{\text{I}}^3$ -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.	3.7	15
45	Development of alkyl glycerone phosphate synthase inhibitors: Structure-activity relationship and effects on ether lipids and epithelial-mesenchymal transition in cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 722-735.	5.5	15
46	Enantiopure C1-symmetric N-Heterocyclic Carbene Ligands from Desymmetrized meso-1,2-Diphenylethylenediamine: Application in Ruthenium-Catalyzed Olefin Metathesis. <i>Catalysts</i> , 2016, 6, 177.	3.5	14
47	Copper-Catalyzed C-N Bond Formation via C-H Functionalization: Facile Synthesis of Multisubstituted Imidazo[1,2-a]pyridines from N-(2-Pyridinyl)enaminones. <i>Synthesis</i> , 2018, 50, 3513-3519.	2.3	13
48	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.	3.3	12
49	3,5-Dinitrobenzoyl-9-amino-9-deoxy-9-epiquinine as Pirkle-Anion Exchange Hybrid-Type Chiral Selector in High-Performance Liquid Chromatography. <i>Chromatographia</i> , 2017, 80, 751-762.	1.3	12
50	Mannosyl, glucosyl or galactosyl liposomes to improve resveratrol efficacy against Methicillin Resistant <i>Staphylococcus aureus</i> biofilm. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 617, 126321.	4.7	12
51	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.	2.4	11
52	Toward enantioselective nano ultrahigh-performance liquid chromatography with Whelk-O1 chiral stationary phase. <i>Electrophoresis</i> , 2014, 35, 2819-2823.	2.4	11
53	A Silica-Supported Catalyst Containing 9-Amino-9-deoxy-9-epiquinine and a Benzoic Acid Derivative for Stereoselective Batch and Flow Heterogeneous Reactions. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2020-2028.	2.4	11
54	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.	6.4	10

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55	Synthesis of pyrano[2,3- <i>f</i>]chromen-2-ones vs. pyrano[3,2- <i>g</i>]chromen-2-ones through site controlled gold-catalyzed annulations. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 10065-10072.	2.8	10
56	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.	2.8	9
57	The Experimental Observation of the Intramolecular NO ₂ /CO Interaction in Solution. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5405-5409.	13.8	9
58	Stereolability of Chiral Ruthenium Catalysts With Frozen NHC Ligand Conformations Investigated by Dynamic HPLC. <i>Chirality</i> , 2015, 27, 685-692.	2.6	9
59	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.	2.5	9
60	Salivary caffeine in Parkinson's disease. <i>Scientific Reports</i> , 2021, 11, 9823.	3.3	9
61	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
62	Covalently assembled resorcin[4]arenes and molecular tweezers: a chiral recognition rationale by NMR. <i>Supramolecular Chemistry</i> , 2016, 28, 647-655.	1.2	7
63	Recent Developments in Chiral Separations by Supercritical Fluid Chromatography. , 2018, , 607-629.		7
64	Chromatographic separation of the interconverting enantiomers of imidazo- and triazole-fused benzodiazepines. <i>Journal of Chromatography A</i> , 2021, 1647, 462148.	3.7	7
65	First-in-Class Inhibitors of the Ribosomal Oxygenase MINA53. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17031-17050.	6.4	7
66	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.	4.1	6
67	Hybrid polyacrylamide chiral stationary phases for HPLC prepared by surface-initiated photopolymerization. <i>Journal of Separation Science</i> , 2010, 33, 3022-3032.	2.5	5
68	Synthesis of Bromoundecyl Resorc[4]arenes and Applications of the Cone Stereoisomer as Selector for Liquid Chromatography. <i>Journal of Organic Chemistry</i> , 2018, 83, 7683-7693.	3.2	5
69	Sulfonamide Inhibitors of β -Catenin Signaling as Anticancer Agents with Different Output on c-MYC. <i>ChemMedChem</i> , 2020, 15, 2264-2268.	3.2	5
70	Valorization of By-Products from Biofuel Biorefineries: Extraction and Purification of Bioactive Molecules from Post-Fermentation Corn Oil. <i>Foods</i> , 2022, 11, 153.	4.3	5
71	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.	3.8	5
72	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.	3.7	5

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73	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.	6.4	4
74	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.	5.4	4
75	Static vs. Dynamic Electrostatic Repulsion Reversed Phase Liquid Chromatography: Solutions for Pharmaceutical and Biopharmaceutical Basic Compounds. <i>Separations</i> , 2021, 8, 59.	2.4	4
76	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.	11.4	4
77	Resveratrol loaded in cationic glucosylated liposomes to treat <i>Staphylococcus epidermidis</i> infections. <i>Chemistry and Physics of Lipids</i> , 2022, 243, 105174.	3.2	4
78	Accelerated α -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.	2.8	4
79	Chiral Separations. <i>Chiral Dynamic Chromatography in the Study of Stereolabile Compounds.</i> , 2017, , 89-114.		3
80	Aggregation behaviour of triphenylphosphonium bolaamphiphiles. <i>Journal of Colloid and Interface Science</i> , 2018, 531, 451-462.	9.4	3
81	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, .	2.4	3
82	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.	2.4	2
83	Synthesis and Characterization of Mitochondria-Targeted Triphenylphosphonium Bolaamphiphiles. <i>Methods in Molecular Biology</i> , 2021, 2275, 27-47.	0.9	2
84	Stepwise α -to- β -reduction of monoclonal antibodies and light chain detection: Case studies of tenatumomab and trastuzumab. <i>Separation Science Plus</i> , 2018, 1, 261-269.	0.6	1
85	Modular and conservative procedure for the quantification of amino functionalities bonded to solid porous matrices. <i>Analytica Chimica Acta</i> , 2019, 1068, 120-130.	5.4	1
86	On-column quantification of amino functionalities bonded to solid porous matrices packed within high performance liquid chromatography columns. <i>Journal of Chromatography A</i> , 2021, 1651, 462284.	3.7	0