

# Roberto Cirilli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/644063/publications.pdf>

Version: 2024-02-01

143  
papers

3,738  
citations

136740

32  
h-index

189595

50  
g-index

153  
all docs

153  
docs citations

153  
times ranked

3837  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-run chemo- and enantioselective high-performance liquid chromatography separation of tramadol and its principal metabolite, O-desmethyltramadol, using a chlorinated immobilized amylose-based chiral stationary phase under multimodal elution conditions. <i>Separation Science Plus</i> , 2022, 5, 99-104.	0.3	1
2	Anticancer Activity of (S)-5-Chloro-3-((3,5-dimethylphenyl)sulfonyl)-N-(1-oxo-1-((pyridin-4-ylmethyl)amino)propan-2-yl)-1H-indole-2-carboxamide (RS4690), a New Dishevelled 1 Inhibitor. <i>Cancers</i> , 2022, 14, 1358.	2.6	4
3	ON/OFF receptor-like enantioseparation of planar chiral 1,2-ferrocenes on an amylose-based chiral stationary phase: The role played by 2-propanol. <i>Analytica Chimica Acta</i> , 2022, 1211, 339880.	2.6	7
4	Wireless light-emitting device for the determination of chirality in real samples. <i>Electrochimica Acta</i> , 2022, 421, 140494.	2.6	12
5	Helicity: A Non-Conventional Stereogenic Element for Designing Inherently Chiral Ionic Liquids for Electrochemical Enantiodifferentiation. <i>Molecules</i> , 2021, 26, 311.	1.7	11
6	Multimilligram-scale production implementation of atropisomers of 2,2'-bis(2,2'-bithiophene-5-yl)-3,3'-bithianaphthene. <i>Chirality</i> , 2021, 33, 146-152.	1.3	5
7	Comparison of Coated and Immobilized Chiral Stationary Phases Based on Amylose tris-[(S)-1-Methylbenzylcarbamate] for the HPLC Enantiomer Separation of 1±-Lipoic Acid and Its Reduced Form. <i>Molecules</i> , 2021, 26, 1747.	1.7	10
8	Screening of Benzimidazole-Based Anthelmintics and Their Enantiomers as Repurposed Drug Candidates in Cancer Therapy. <i>Pharmaceuticals</i> , 2021, 14, 372.	1.7	21
9	PHANE-TetraPHOS, the First $D_2$ Symmetric Chiral Tetraphosphane. Synthesis, Metal Complexation, and Application in Homogeneous Stereoselective Hydrogenation. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2367-2374.	1.2	3
10	In Situ Electrochemical Investigations of Inherently Chiral 2,2'-bithiophene Indole Architectures with Oligothiophene Terminals. <i>ChemElectroChem</i> , 2021, 8, 3250-3261.	1.7	5
11	Bipolar Electrochemical Measurement of Enantiomeric Excess with Inherently Chiral Polymer Actuators. <i>ACS Measurement Science Au</i> , 2021, 1, 110-116.	1.9	17
12	2,12-Diaza[6]helicene: An Efficient Non-Conventional Stereogenic Scaffold for Enantioselective Electrochemical Interphases. <i>Chemosensors</i> , 2021, 9, 216.	1.8	5
13	Modulating the Enantiodiscrimination Features of Inherently Chiral Selectors by Molecular Design: A HPLC and Voltammetry Study Case with Atropisomeric 2,2'-bithiophene Indole-Based Monomers and Oligomer Films. <i>Chemistry - A European Journal</i> , 2021, 27, 13190-13202.	1.7	8
14	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
15	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
16	Hybrid light-emitting devices for the straightforward readout of chiral information. <i>Chirality</i> , 2021, 33, 875-882.	1.3	15
17	Direct dynamic read-out of molecular chirality with autonomous enzyme-driven swimmers. <i>Nature Chemistry</i> , 2021, 13, 1241-1247.	6.6	24
18	Enantioselective HPLC analysis of escitalopram oxalate and its impurities using a cellulose-based chiral stationary phase under normal- and green reversed-phase conditions. <i>Journal of Separation Science</i> , 2021, . .	1.3	7

#	ARTICLE	IF	CITATIONS
19	High-performance liquid chromatography enantioseparation of chiral 2-(benzylsulfinyl)benzamide derivatives on cellulose tris(3,5-dichlorophenylcarbamate) chiral stationary phase. <i>Journal of Chromatography A</i> , 2020, 1610, 460572.	1.8	6
20	Characterization of Inherently Chiral Electrosynthesized Oligomeric Films by Voltammetry and Scanning Electrochemical Microscopy (SECM). <i>Molecules</i> , 2020, 25, 5368.	1.7	3
21	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
22	Large Scale Chirality Transduction with Functional Molecular Materials. <i>Chemistry of Materials</i> , 2020, 32, 10663-10669.	3.2	14
23	Phenyl(thio)phosphon(amid)ate Benzenesulfonamides as Potent and Selective Inhibitors of Human Carbonic Anhydrases II and VII Counteract Allodynia in a Mouse Model of Oxaliplatin-Induced Neuropathy. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 5185-5200.	2.9	16
24	Widening the Scope of Inherently Chiral Electrodes: Enantiodiscrimination of Chiral Electroactive Probes with Planar Stereogenicity. <i>ChemElectroChem</i> , 2020, 7, 3429-3438.	1.7	13
25	Absolute Chiral Recognition with Hybrid Wireless Electrochemical Actuators. <i>Analytical Chemistry</i> , 2020, 92, 10042-10047.	3.2	31
26	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
27	Reverse transcriptase inhibitors promote the remodelling of nuclear architecture and induce autophagy in prostate cancer cells. <i>Cancer Letters</i> , 2020, 478, 133-145.	3.2	14
28	1,3-Dipolar Cycloaddition, HPLC Enantioseparation, and Docking Studies of Saccharin/Isoxazole and Saccharin/Isoxazoline Derivatives as Selective Carbonic Anhydrase IX and XII Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2470-2488.	2.9	42
29	Direct separation of the enantiomers of ramosetron on a chlorinated cellulose-based chiral stationary phase in hydrophilic interaction liquid chromatography mode. <i>Journal of Separation Science</i> , 2020, 43, 2589-2593.	1.3	6
30	Design, synthesis and biological activity of selective hCAs inhibitors based on 2-(benzylsulfinyl)benzoic acid scaffold. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 1400-1413.	2.5	24
31	Self-Standing Membranes Consisting of Inherently Chiral Electroactive Oligomers: Electrosynthesis, Characterization and Preliminary Tests in Potentiometric Setups. <i>ChemElectroChem</i> , 2019, 6, 4204-4214.	1.7	6
32	Temperature and eluent composition effects on enantiomer separation of carvedilol by high-performance liquid chromatography on immobilized amylose-based chiral stationary phases. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 324-331.	2.4	34
33	Highlighting spin selectivity properties of chiral electrode surfaces from redox potential modulation of an achiral probe under an applied magnetic field. <i>Chemical Science</i> , 2019, 10, 2750-2757.	3.7	13
34	Highly enantioselective inherently chiral electroactive materials based on a 2,2'-biindole atropisomeric scaffold. <i>Chemical Science</i> , 2019, 10, 2708-2717.	3.7	22
35	HPLC Enantioseparations with Polysaccharide-Based Chiral Stationary Phases in HILIC Conditions. <i>Methods in Molecular Biology</i> , 2019, 1985, 127-146.	0.4	6
36	Design, Synthesis, Docking Studies and Monoamine Oxidase Inhibition of a Small Library of 1-acetyl- and 1-thiocarbamoyl-3,5-diphenyl-4,5-dihydro-(1H)-pyrazoles. <i>Molecules</i> , 2019, 24, 484.	1.7	21

#	ARTICLE	IF	CITATIONS
37	The Benzimidazole-Based Anthelmintic Parbendazole: A Repurposed Drug Candidate That Synergizes with Gemcitabine in Pancreatic Cancer. <i>Cancers</i> , 2019, 11, 2042.	1.7	36
38	A family of chiral ionic liquids from the natural pool: Relationships between structure and functional properties and electrochemical enantiodiscrimination tests. <i>Electrochimica Acta</i> , 2019, 298, 194-209.	2.6	38
39	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.	2.6	15
40	Design, Synthesis, and Biological Evaluation of New 1-(Aryl-1 <i>H</i> -pyrrolyl)(phenyl)methyl-1 <i>H</i> -imidazole Derivatives as Antiprotozoal Agents. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1330-1347.	2.9	26
41	Effect of $\pm$ -Methoxy Substitution on the Anti-HIV Activity of Dihydropyrimidin-4(3 <i>H</i> )-ones. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 604-621.	2.9	14
42	Unusual retention behavior of omeprazole and its chiral impurities B and E on the amylose tris(3-chloro-5-methylphenylcarbamate) chiral stationary phase in polar organic mode. <i>Journal of Pharmaceutical Analysis</i> , 2018, 8, 234-239.	2.4	16
43	Searching for Models Exhibiting High Circularly Polarized Luminescence: Electroactive Inherently Chiral Oligothiophenes. <i>Chemistry - A European Journal</i> , 2018, 24, 11082-11093.	1.7	23
44	An $\infty$ -inherently chiral $1,1\text{-}\lambda^2$ -bibenzimidazolium additive for enantioselective voltammetry in ionic liquid media. <i>Electrochemistry Communications</i> , 2018, 89, 57-61.	2.3	19
45	Development of a high-performance liquid chromatography method for the simultaneous determination of chiral impurities and assay of ( <i>S</i> )-clopidogrel using a cellulose-based chiral stationary phase in methanol/water mode. <i>Journal of Separation Science</i> , 2018, 41, 1208-1215.	1.3	19
46	A chromatographic study on the exceptional chiral recognition of 2-(benzylsulfinyl)benzamide by an immobilized-type chiral stationary phase based on cellulose tris(3,5-dichlorophenylcarbamate). <i>Journal of Chromatography A</i> , 2018, 1531, 151-156.	1.8	17
47	A chromatographic study on the retention behavior of the amylose tris(3-chloro-5-methylphenylcarbamate) chiral stationary phase under aqueous conditions. <i>Journal of Separation Science</i> , 2018, 41, 4014-4021.	1.3	18
48	Structure-Based Drug Design of Potent Pyrazole Derivatives against Rhinovirus Replication. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8402-8416.	2.9	26
49	$\infty$ -Inherently Chiral Ionic Liquid Media: Effective Chiral Electroanalysis on Achiral Electrodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2079-2082.	7.2	33
50	Through scaffold modification to 3,5-diaryl-4,5-dihydroisoxazoles: new potent and selective inhibitors of monoamine oxidase B. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 264-270.	2.5	13
51	The sodium salt of the enantiomers of ricobendazole: Preparation, solubility and chiroptical properties. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 139, 1-7.	1.4	28
52	Chiral Indolylarylsulfone Non-Nucleoside Reverse Transcriptase Inhibitors as New Potent and Broad Spectrum Anti-HIV-1 Agents. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6528-6547.	2.9	19
53	$\infty$ -Inherently Chiral Ionic Liquid Media: Effective Chiral Electroanalysis on Achiral Electrodes. <i>Angewandte Chemie</i> , 2017, 129, 2111-2114.	1.6	2
54	Enantiomers of triclabendazole sulfoxide: Analytical and semipreparative HPLC separation, absolute configuration assignment, and transformation into sodium salt. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 38-44.	1.4	20

#	ARTICLE	IF	CITATIONS
55	Heterocyclic pharmacology of new rhinovirus antiviral agents: A combined computational and experimental study. <i>European Journal of Medicinal Chemistry</i> , 2017, 140, 528-541.	2.6	11
56	3-(Phenyl-4-oxy)-5-phenyl-4,5-dihydro-(1 H)-pyrazole: A fascinating molecular framework to study the enantioseparation ability of the amylose (3,5-dimethylphenylcarbamate) chiral stationary phase. Part II. Solvophobic effects in enantiorecognition process. <i>Journal of Chromatography A</i> , 2017, 1499, 140-148.	1.8	24
57	Inherently Chiral Ionic Liquid Media: Effective Chiral Electroanalysis on Achiral Electrodes ( <i>Angew. Chem.</i> 8/2017). <i>Angewandte Chemie</i> , 2017, 129, 2254-2254.	1.6	0
58	BITHIENOLS: Promising C <sub>2</sub> -Symmetric Biheteroaromatic Diols for Organic Transformation. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 861-870.	1.2	7
59	Inherently Chiral Spider-Like Oligothiophenes. <i>Chemistry - A European Journal</i> , 2016, 22, 10839-10847.	1.7	25
60	Inherently Chiral Spider-Like Oligothiophenes. <i>Chemistry - A European Journal</i> , 2016, 22, 10685-10685.	1.7	0
61	Analytical and semipreparative high performance liquid chromatography enantioseparation of bicalutamide and its chiral impurities on an immobilized polysaccharide-based chiral stationary phase. <i>Journal of Chromatography A</i> , 2016, 1445, 166-171.	1.8	22
62	Discovery of in vitro antitubercular agents through in silico ligand-based approaches. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 169-180.	2.6	22
63	Inherently chiral thiophene-based electrodes at work: a screening of enantioselection ability toward a series of pharmaceutically relevant phenolic or catecholic amino acids, amino esters, and amine. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7243-7254.	1.9	27
64	3-(Phenyl-4-oxy)-5-phenyl-4,5-dihydro-(1 H)-pyrazole: A fascinating molecular framework to study the enantioseparation ability of the amylose (3,5-dimethylphenylcarbamate) chiral stationary phase. Part I. Structure-enantioselectivity relationships. <i>Journal of Chromatography A</i> , 2016, 1467, 221-227.	1.8	13
65	Green high-performance liquid chromatography enantioseparation of lansoprazole using a cellulose-based chiral stationary phase under ethanol/water mode. <i>Journal of Separation Science</i> , 2016, 39, 1418-1424.	1.3	37
66	Comparison of reversed-phase enantioselective HPLC methods for determining the enantiomeric purity of (S)-omeprazole in the presence of its related substances. <i>Journal of Pharmaceutical Analysis</i> , 2016, 6, 132-136.	2.4	22
67	Drug design, synthesis, in vitro and in silico evaluation of selective monoaminoxidase B inhibitors based on 3-acetyl-2-dichlorophenyl-5-aryl-2,3-dihydro-1,3,4-oxadiazole chemical scaffold. <i>European Journal of Medicinal Chemistry</i> , 2016, 108, 542-552.	2.6	34
68	Stereolability of Chiral Ruthenium Catalysts With Frozen NHC Ligand Conformations Investigated by Dynamic HPLC. <i>Chirality</i> , 2015, 27, 685-692.	1.3	9
69	Determination of the Enantiomerization Barrier of the Residual Enantiomers of C <sub>3</sub> -Symmetric Tris(1-Methyl-2-Alkyl)Indolyl]Phosphane Oxides: Case Study of a Multitasking HPLC Investigation Based on an Immobilized Polysaccharide Stationary Phase. <i>Chirality</i> , 2015, 27, 888-899.	1.3	12
70	Inherently chiral electrodes: the tool for chiral voltammetry. <i>Chemical Science</i> , 2015, 6, 1706-1711.	3.7	76
71	Pure enantiomers of benzoylamino-tranylcypromine: LSD1 inhibition, gene modulation in human leukemia cells and effects on clonogenic potential of murine promyelocytic blasts. <i>European Journal of Medicinal Chemistry</i> , 2015, 94, 163-174.	2.6	28
72	The Anacomeric Character of the Pharmacophore 1,3,4-Thiadiazoline Framework in Chiral Spiro-Cyclohexyl Derivatives: Effects on Stereochemistry and Spiro-Junction Lability. Thermodynamic Aspects. <i>Journal of Organic Chemistry</i> , 2015, 80, 11932-11940.	1.7	7

#	ARTICLE	IF	CITATIONS
73	Electrochemistry and Chirality in Bibenzimidazole Systems. <i>Electrochimica Acta</i> , 2015, 179, 250-262.	2.6	12
74	Pure Diastereomers of a Tranylcypramine-Based LSD1 Inhibitor: Enzyme Selectivity and In-Cell Studies. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 173-177.	1.3	16
75	Indolylarylsulfones Carrying a Heterocyclic Tail as Very Potent and Broad Spectrum HIV-1 Non-nucleoside Reverse Transcriptase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 9945-9957.	2.9	42
76	Direct separation of the enantiomers of oxaliplatin on a cellulose-based chiral stationary phase in hydrophilic interaction liquid chromatography mode. <i>Journal of Chromatography A</i> , 2014, 1339, 210-213.	1.8	33
77	A chromatographic and computational study on the driving force operating in the exceptionally large enantioseparation of N-thiocarbamoyl-3-(4-phenyl)-5-phenyl-4,5-dihydro-(1H) pyrazole on a 4-methylbenzoate cellulose-based chiral stationary phase. <i>Journal of Chromatography A</i> , 2014, 1324, 71-77.	1.8	20
78	Potential-Driven Chirality Manifestations and Impressive Enantioselectivity by Inherently Chiral Electroactive Organic Films. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2623-2627.	7.2	84
79	Effect of the water content on the retention and enantioselectivity of albendazole and fenbendazole sulfoxides using amylose-based chiral stationary phases in organic-aqueous conditions. <i>Journal of Chromatography A</i> , 2014, 1327, 73-79.	1.8	35
80	Identification of the stereochemical requirements in the 4-aryl-2-cycloalkylidenhydrazinylthiazole scaffold for the design of selective human monoamine oxidase B inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2887-2895.	1.4	24
81	Influence of the nature of alkyl substituents on the high-performance liquid chromatography enantioseparation and retention of new atropisomeric 1,1-bibenzimidazole derivatives on amylose tris(3,5-dimethylphenylcarbamate) chiral stationary phase. <i>Journal of Chromatography A</i> , 2014, 1363, 128-136.	1.8	25
82	Synthesis, biological evaluation and structure-activity correlation study of a series of imidazol-based compounds as <i>Candida albicans</i> inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 83, 665-673.	2.6	15
83	Inherently Chiral Macrocyclic Oligothiophenes: Easily Accessible Electrosensitive Cavities with Outstanding Enantioselection Performances. <i>Chemistry - A European Journal</i> , 2014, 20, 15298-15302.	1.7	57
84	Chirality in the Absence of Rigid Stereogenic Elements: Steric and Electronic Effects on the Configurational Stability of $C_3$ Symmetric Residual Tris-Aryl Phosphanes. <i>Chirality</i> , 2014, 26, 601-606.	1.3	3
85	Exploring the Role of 2-Chloro-6-fluoro Substitution in 2-Alkylthio-6-benzyl-5-alkylpyrimidin-4(3H)-ones: Effects in HIV-1-Infected Cells and in HIV-1 Reverse Transcriptase Enzymes. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 5212-5225.	2.9	17
86	New indolylarylsulfones as highly potent and broad spectrum HIV-1 non-nucleoside reverse transcriptase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 80, 101-111.	2.6	21
87	Inherently Chiral Macrocyclic Oligothiophenes: Easily Accessible Electrosensitive Cavities with Outstanding Enantioselection Performances. <i>Chemistry - A European Journal</i> , 2014, 20, 15261-15261.	1.7	5
88	Retention behavior of proton pump inhibitors using immobilized polysaccharide-derived chiral stationary phases with organic-aqueous mobile phases. <i>Journal of Chromatography A</i> , 2013, 1304, 147-153.	1.8	28
89	Steric and Electronic Effects on the Configurational Stability of Residual Chiral Phosphorus-Centered Three-Bladed Propellers: Tris-Aryl Phosphane Oxides. <i>Chemistry - A European Journal</i> , 2013, 19, 165-181.	1.7	19
90	Steric and Electronic Effects on the Configurational Stability of Residual Chiral Phosphorus-Centered Three-Bladed Propellers: Tris-Aryl Phosphanes. <i>Chemistry - A European Journal</i> , 2013, 19, 182-194.	1.7	26

#	ARTICLE	IF	CITATIONS
91	Ph $\beta$ -tetraMe $\beta$ -Bithienine, the First Member of the Class of Chiral Heterophosphepines: Synthesis, Electronic and Steric Properties, Metal Complexes and Catalytic Activity. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 8174-8184.	1.2	12
92	3-Methylcyclohexanone thiosemicarbazone: Determination of E/Z isomerization barrier by dynamic high-performance liquid chromatography, configuration assignment and theoretical study of the mechanisms involved by the spontaneous, acid and base catalyzed processes. <i>Journal of Chromatography A</i> , 2012, 1269, 168-177.	1.8	20
93	Carprofen Analogues as Sirtuin Inhibitors: Enzyme and Cellular Studies. <i>ChemMedChem</i> , 2012, 7, 1905-1908.	1.6	14
94	Computer-Aided Molecular Design of Asymmetric Pyrazole Derivatives with Exceptional Enantioselective Recognition toward the Chiralcel OJ-H Stationary Phase. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 649-654.	2.5	23
95	2-(Alkyl/Aryl)Amino-6-Benzylpyrimidin-4(3 <i>H</i> )-ones as Inhibitors of Wild-Type and Mutant HIV-1: Enantioselectivity Studies. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3558-3562.	2.9	29
96	Synthesis and antifungal activity of a new series of 2-(1 <i>H</i> -imidazol-1-yl)-1-phenylethanol derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012, 49, 334-342.	2.6	36
97	Modulation of Cell Differentiation, Proliferation, and Tumor Growth by Dihydrobenzoxypyrimidine Non-Nucleoside Reverse Transcriptase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5927-5936.	2.9	13
98	3-Acetyl-2,5-diaryl-2,3-dihydro-1,3,4-oxadiazoles: A New Scaffold for the Selective Inhibition of Monoamine Oxidase B. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 6394-6398.	2.9	55
99	Application of 3 $\mu$ m particle-based amylose-derived chiral stationary phases for the enantioseparation of potential histone deacetylase inhibitors. <i>Journal of Chromatography A</i> , 2011, 1218, 8394-8398.	1.8	19
100	The Heck Reaction of Allylic Alcohols Catalyzed by Palladium Nanoparticles in Water: Chemoenzymatic Synthesis of $\beta$ -Rhododendrol. <i>ChemCatChem</i> , 2011, 3, 347-353.	1.8	80
101	A chromatographic study on the exceptional enantioselectivity of cellulose tris(4-methylbenzoate) towards C5-chiral 4,5-dihydro-(1 <i>H</i> )-pyrazole derivatives. <i>Journal of Chromatography A</i> , 2011, 1218, 5653-5657.	1.8	13
102	Novel Cinnamyl Hydroxyamides and 2-Aminoanilides as Histone Deacetylase Inhibitors: Apoptotic Induction and Cytodifferentiation Activity. <i>ChemMedChem</i> , 2011, 6, 698-712.	1.6	17
103	Synthesis and biological evaluation of N-substituted-3,5-diphenyl-2-pyrazoline derivatives as cyclooxygenase (COX-2) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 6135-6138.	2.6	103
104	Direct HPLC enantioseparation of omeprazole and its chiral impurities: Application to the determination of enantiomeric purity of esomeprazole magnesium trihydrate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 52, 665-671.	1.4	41
105	Semipreparative HPLC enantioseparation, chiroptical properties, and absolute configuration of two novel cyclooxygenase-2 inhibitors. <i>Chirality</i> , 2010, 22, 56-62.	1.3	10
106	A new series of flavones, thioflavones, and flavanones as selective monoamine oxidase-B inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1273-1279.	1.4	83
107	Synthesis, semipreparative HPLC separation, biological evaluation, and 3D-QSAR of hydrazothiazole derivatives as human monoamine oxidase B inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5063-5070.	1.4	44
108	Application of an immobilised amylose-based chiral stationary phase to the development of new monoamine oxidase B inhibitors. <i>Talanta</i> , 2010, 82, 426-431.	2.9	16

#	ARTICLE	IF	CITATIONS
109	Enantioselective HPLC combined with spectroscopic methods: A valid strategy to determine the absolute configuration of potential $\beta^2$ -secretase inhibitors. <i>Talanta</i> , 2010, 82, 1306-1312.	2.9	11
110	Biochemical, Structural, and Biological Evaluation of Tranilcypromine Derivatives as Inhibitors of Histone Demethylases LSD1 and LSD2. <i>Journal of the American Chemical Society</i> , 2010, 132, 6827-6833.	6.6	261
111	Synthesis, Stereochemical Separation, and Biological Evaluation of Selective Inhibitors of Human MAO-B: 1-(4-Arylthiazol-2-yl)-2-(3-methylcyclohexylidene)hydrazines. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 6516-6520.	2.9	38
112	Synthesis, Affinity Profile and Functional Activity of Potent Chiral Muscarinic Antagonists with a Pyrrolidinylfuran Structure. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 201-207.	2.9	4
113	(R)-1-Arylethanol from aryl iodides through a two-step one-pot enantioselective chemoenzymatic process. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 61, 184-187.	1.8	9
114	A rational approach to predict and modulate stereolability of chiral $\beta^{\pm}$ substituted ketones. <i>Chirality</i> , 2009, 21, 24-34.	1.3	15
115	Chiral HPLC separation and absolute configuration of novel $\beta$ -DABO derivatives. <i>Chirality</i> , 2009, 21, 604-612.	1.3	12
116	Development and validation of an enantioselective and chemoselective HPLC method using a Chiralpak IA column to simultaneously quantify (R)-(+)- and (S)-(â <sup>+</sup> )-lansoprazole enantiomers and related impurities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 9-14.	1.4	25
117	Unusually high enantioselectivity in high-performance liquid chromatography using cellulose tris(4-methylbenzoate) as a chiral stationary phase. <i>Journal of Chromatography A</i> , 2009, 1216, 4673-4678.	1.8	23
118	Direct high-performance liquid chromatography enantioseparation of terazosin on an immobilised polysaccharide-based chiral stationary phase under polar organic and reversed-phase conditions. <i>Journal of Chromatography A</i> , 2009, 1216, 5385-5390.	1.8	39
119	Perturbing Effects of Chiral Stationary Phase on Enantiomerization Second-Order Rate Constants Determined by Enantioselective Dynamic High-Performance Liquid Chromatography: A Practical Tool to Quantify the Accessible Acid and Basic Catalytic Sites Bonded on Chromatographic Supports. <i>Analytical Chemistry</i> , 2009, 81, 3560-3570.	3.2	41
120	Enantioselectivity in Cardioprotection induced by (S)-(â <sup>+</sup> )-2,2-Dimethyl-N-(4-â <sup>2</sup> -acetamido-benzyl)-4-spiromorpholone-chromane. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1477-1480.	2.9	14
121	Indolylarylsulfones Bearing Natural and Unnatural Amino Acids. Discovery of Potent Inhibitors of HIV-1 Non-Nucleoside Wild Type and Resistant Mutant Strains Reverse Transcriptase and Coxsackie B4 Virus. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1922-1934.	2.9	54
122	Enantioseparation of kavain on Chiralpak IA under normalâ <sup>+</sup> phase, polar organic and reversedâ <sup>+</sup> phase conditions. <i>Journal of Separation Science</i> , 2008, 31, 2206-2210.	1.3	22
123	HPLC enantioseparation and absolute configuration of novel antiâ <sup>+</sup> inflammatory pyrrole derivatives. <i>Chirality</i> , 2008, 20, 775-780.	1.3	12
124	Synthesis, in vitro, and in vivo biological evaluation and molecular docking simulations of chiral alcohol and ether derivatives of the 1,5-diarylpyrrole scaffold as novel anti-inflammatory and analgesic agents. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8072-8081.	1.4	18
125	High-performance liquid chromatography enantioseparation of proton pump inhibitors using the immobilized amylose-based Chiralpak IA chiral stationary phase in normal-phase, polar organic and reversed-phase conditions. <i>Journal of Chromatography A</i> , 2008, 1177, 105-113.	1.8	71
126	High-performance liquid chromatography separation of enantiomers of flavanone and 2â <sup>+</sup> -hydroxychalcone under reversed-phase conditions. <i>Journal of Chromatography A</i> , 2008, 1190, 95-101.	1.8	34



#	ARTICLE	IF	CITATIONS
127	Synthesis, Stereochemical Identification, and Selective Inhibitory Activity against Human Monoamine Oxidase-B of 2-Methylcyclohexylidene-(4-arylthiazol-2-yl)hydrazones. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4874-4880.	2.9	86
128	1-[(3-Aryloxy-3-aryl)propyl]-1H-imidazoles, New Imidazoles with Potent Activity against <i>Candida albicans</i> and Dermatophytes. Synthesis, Structure-Activity Relationship, and Molecular Modeling Studies. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3841-3855.	2.9	28
129	Synthesis and Cerebral Uptake of 1-(1- <sup>11</sup> C)-Methyl-1-pyrrol-2-yl)-2-phenyl-2-(1-pyrrolidinyloxy)ethanone, a Novel Tracer for Positron Emission Tomography Studies of Monoamine Oxidase Type A. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 1617-1622.	2.9	11
130	Synthesis and Pharmacological Characterization of Chiral Pyrrolidinylfuran Derivatives: The Discovery of New Functionally Selective Muscarinic Agonists. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3905-3912.	2.9	6
131	Chiral (R)- and (S)-allylic alcohols via a one-pot chemoenzymatic synthesis. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2791-2796.	1.8	30
132	Pyrrolo[1,2-b][1,2,5]benzothiadiazepines (PBTDs): A New Class of Agents with High Apoptotic Activity in Chronic Myelogenous Leukemia K562 Cells and in Cells from Patients at Onset and Who Were Imatinib-Resistant. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 5840-5844.	2.9	56
133	Direct HPLC enantioseparation of chiral aptazepine derivatives on coated and immobilized polysaccharide-based chiral stationary phases. <i>Chirality</i> , 2006, 18, 621-632.	1.3	33
134	Design, Synthesis, Biological Evaluation, and Molecular Modeling Studies of TIBO-Like Cyclic Sulfones as Non-Nucleoside HIV-1 Reverse Transcriptase Inhibitors. <i>ChemMedChem</i> , 2006, 1, 82-95.	1.6	19
135	Analytical and semipreparative high performance liquid chromatography separation of stereoisomers of novel 3,4-dihydropyrimidin-4(3H)-one derivatives on the immobilised amylose-based Chiralpak IA chiral stationary phase. <i>Journal of Separation Science</i> , 2006, 29, 1399-1406.	1.3	30
136	Synthesis, Biological Evaluation and 3D-QSAR of 1,3,5-Trisubstituted-4,5-Dihydro-(1H)-Pyrazole Derivatives as Potent and Highly Selective Monoamine Oxidase A Inhibitors. <i>Current Medicinal Chemistry</i> , 2006, 13, 1411-1428.	1.2	58
137	Comparative study between the polysaccharide-based Chiralcel OJ and Chiralcel OD CSPs in chromatographic enantioseparation of imidazole analogues of Fluoxetine and Miconazole. <i>Journal of Separation Science</i> , 2005, 28, 627-634.	1.3	26
138	Synthesis, Molecular Modeling Studies, and Selective Inhibitory Activity against Monoamine Oxidase of 1-Thiocarbamoyl-3,5-diaryl-4,5-dihydro-(1H)-pyrazole Derivatives. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 7113-7122.	2.9	112
139	Design, Synthesis, and Biological Activities of Pyrroloethanoneamine Derivatives, a Novel Class of Monoamine Oxidases Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 4220-4223.	2.9	37
140	Chiral resolution and binding study of 1,3,4,14b-tetrahydro-2,10-dimethyl-2H,10H-pyrazino[2,1-d]pyrrolo[1,2-b][1,2,5]benzotriazepine (10-methyl-10-azaaptazepine) and 2-methyl-1,3,4,14b-tetrahydro-2H-pyrazino[2,1-d]pyrrolo[1,2-b][1,2,5]benzothiadiazepine 10,10-dioxide (tiaaptazepine). <i>Il Farmaco</i> , 2005, 60, 931-937.	0.9	3
141	Synthesis and Selective Inhibitory Activity of 1-Acetyl-3,5-diphenyl-4,5-dihydro-(1H)-pyrazole Derivatives against Monoamine Oxidase. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 2071-2074.	2.9	105
142	Enantiomers of C5-chiral 1-acetyl-3,5-diphenyl-4,5-dihydro-(1H)-pyrazole derivatives: Analytical and semipreparative HPLC separation, chiroptical properties, absolute configuration, and inhibitory activity against monoamine oxidase. <i>Chirality</i> , 2004, 16, 625-636.	1.3	34
143	Trisopropyl and Tripropyl biindole chiral electroactive monomers A voltammetry and HPLC comparative insight. <i>ChemElectroChem</i> , 0, , .	1.7	2