

Roberto Cirilli

List of Publications by Year in descending order

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143
papers

3,738
citations

136950

32
h-index

189892

50
g-index

153
all docs

153
docs citations

153
times ranked

3837
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochemical, Structural, and Biological Evaluation of Tranlycypromine Derivatives as Inhibitors of Histone Demethylases LSD1 and LSD2. <i>Journal of the American Chemical Society</i> , 2010, 132, 6827-6833.	13.7	261
2	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.	6.4	112
3	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.	6.4	105
4	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.	5.5	103
5	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.	6.4	86
6	Potential-Driven Chirality Manifestations and Impressive Enantioselectivity by Inherently Chiral Electroactive Organic Films. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2623-2627.	13.8	84
7	A new series of flavones, thioflavones, and flavanones as selective monoamine oxidase-B inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1273-1279.	3.0	83
8	The Heck Reaction of Allylic Alcohols Catalyzed by Palladium Nanoparticles in Water: Chemoenzymatic Synthesis of α - β -Rhododendrol. <i>ChemCatChem</i> , 2011, 3, 347-353.	3.7	80
9	Inherently chiral electrodes: the tool for chiral voltammetry. <i>Chemical Science</i> , 2015, 6, 1706-1711.	7.4	76
10	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.	3.7	71
11	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.	2.4	58
12	Inherently Chiral Macrocyclic Oligothiophenes: Easily Accessible Electrosensitive Cavities with Outstanding Enantioselection Performances. <i>Chemistry - A European Journal</i> , 2014, 20, 15298-15302.	3.3	57
13	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.	6.4	56
14	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.	6.4	55
15	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.	6.4	54
16	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.	3.0	44
17	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.	6.4	42
18	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.	6.4	42

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19	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.	6.5	41
20	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.	2.8	41
21	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.	3.7	39
22	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.	6.4	38
23	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.	5.2	38
24	Design, Synthesis, and Biological Activities of Pyrrolylethanoneamine Derivatives, a Novel Class of Monoamine Oxidases Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 4220-4223.	6.4	37
25	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.	2.5	37
26	Synthesis and antifungal activity of a new series of 2-(1H-imidazol-1-yl)-1-phenylethanol derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012, 49, 334-342.	5.5	36
27	The Benzimidazole-Based Anthelmintic Parbendazole: A Repurposed Drug Candidate That Synergizes with Gemcitabine in Pancreatic Cancer. <i>Cancers</i> , 2019, 11, 2042.	3.7	36
28	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.	3.7	35
29	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.	2.6	34
30	High-performance liquid chromatography separation of enantiomers of flavanone and 2-hydroxychalcone under reversed-phase conditions. <i>Journal of Chromatography A</i> , 2008, 1190, 95-101.	3.7	34
31	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.	5.5	34
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.	5.3	34
33	Direct HPLC enantioseparation of chiral aptazepine derivatives on coated and immobilized polysaccharide-based chiral stationary phases. <i>Chirality</i> , 2006, 18, 621-632.	2.6	33
34	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.	3.7	33
35	Inherently Chiral Ionic Liquid Media: Effective Chiral Electroanalysis on Achiral Electrodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2079-2082.	13.8	33
36	Absolute Chiral Recognition with Hybrid Wireless Electrochemical Actuators. <i>Analytical Chemistry</i> , 2020, 92, 10042-10047.	6.5	31

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37	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.	2.5	30
38	Chiral (R)- and (S)-allylic alcohols via a one-pot chemoenzymatic synthesis. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2791-2796.	1.8	30
39	2-(Alkyl/Aryl)Amino-6-Benzylpyrimidin-4(3H)-ones as Inhibitors of Wild-Type and Mutant HIV-1: Enantioselectivity Studies. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3558-3562.	6.4	29
40	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.	6.4	28
41	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.	3.7	28
42	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.	5.5	28
43	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.	2.8	28
44	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.	3.7	27
45	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.	2.5	26
46	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.	3.3	26
47	Structure-Based Drug Design of Potent Pyrazole Derivatives against Rhinovirus Replication. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8402-8416.	6.4	26
48	Design, Synthesis, and Biological Evaluation of New 1-(Aryl-1-pyrrolyl)(phenyl)methyl-1-imidazole Derivatives as Antiprotozoal Agents. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1330-1347.	6.4	26
49	Development and validation of an enantioselective and chemoselective HPLC method using a Chiralpak IA column to simultaneously quantify (R)-(+)- and (S)-(-)-lansoprazole enantiomers and related impurities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 9-14.	2.8	25
50	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.	3.7	25
51	Inherently Chiral Spider-Like Oligothiophenes. <i>Chemistry - A European Journal</i> , 2016, 22, 10839-10847.	3.3	25
52	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.	3.0	24
53	3-(Phenyl-4-oxy)-5-phenyl-4,5-dihydro-1H-pyrazole: A fascinating molecular framework to study the enantioseparation ability of the amylose (3,5-dimethylphenylcarbamate) chiral stationary phase. Part II. Solvophobic effects in enantio-recognition process. <i>Journal of Chromatography A</i> , 2017, 1499, 140-148.	3.7	24
54	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.	5.2	24

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55	Direct dynamic read-out of molecular chirality with autonomous enzyme-driven swimmers. <i>Nature Chemistry</i> , 2021, 13, 1241-1247.	13.6	24
56	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.	3.7	23
57	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.	5.4	23
58	Searching for Models Exhibiting High Circularly Polarized Luminescence: Electroactive Inherently Chiral Oligothiophenes. <i>Chemistry - A European Journal</i> , 2018, 24, 11082-11093.	3.3	23
59	Enantioseparation of kavain on Chiralpak IA under normal-phase, polar organic and reversed-phase conditions. <i>Journal of Separation Science</i> , 2008, 31, 2206-2210.	2.5	22
60	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.	3.7	22
61	Discovery of in vitro antitubercular agents through in silico ligand-based approaches. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 169-180.	5.5	22
62	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.	5.3	22
63	Highly enantioselective inherently chiral electroactive materials based on a 2,2'-biindole atropisomeric scaffold. <i>Chemical Science</i> , 2019, 10, 2708-2717.	7.4	22
64	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.	5.5	21
65	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.	3.8	21
66	Screening of Benzimidazole-Based Anthelmintics and Their Enantiomers as Repurposed Drug Candidates in Cancer Therapy. <i>Pharmaceuticals</i> , 2021, 14, 372.	3.8	21
67	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.	3.7	20
68	A chromatographic and computational study on the driving force operating in the exceptionally large enantioseparation of N-thiocarbamoyl-3-(4-biphenyl)-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.	3.7	20
69	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.	2.8	20
70	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.	3.2	19
71	Application of 3 μ 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.	3.7	19
72	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.	3.3	19

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73	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.	6.4	19
74	An inherently chiral 1,1'-bibenzimidazolium additive for enantioselective voltammetry in ionic liquid media. <i>Electrochemistry Communications</i> , 2018, 89, 57-61.	4.7	19
75	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.	2.5	19
76	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.	3.0	18
77	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.	2.5	18
78	Novel Cinnamyl Hydroxyamides and 2-Aminoanilides as Histone Deacetylase Inhibitors: Apoptotic Induction and Cytodifferentiation Activity. <i>ChemMedChem</i> , 2011, 6, 698-712.	3.2	17
79	Exploring the Role of 2-Chloro-6-fluoro Substitution in 2-Alkylthio-6-benzyl-5-alkylpyrimidin-4(3 <i>H</i>)-ones: Effects in HIV-1-Infected Cells and in HIV-1 Reverse Transcriptase Enzymes. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 5212-5225.	6.4	17
80	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.	3.7	17
81	Bipolar Electrochemical Measurement of Enantiomeric Excess with Inherently Chiral Polymer Actuators. <i>ACS Measurement Science Au</i> , 2021, 1, 110-116.	4.4	17
82	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.	5.5	16
83	Pure Diastereomers of a Tranylcypromine-Based LSD1 Inhibitor: Enzyme Selectivity and In-Cell Studies. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 173-177.	2.8	16
84	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.	5.3	16
85	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.	6.4	16
86	A rational approach to predict and modulate stereolability of chiral $\hat{\pm}$ substituted ketones. <i>Chirality</i> , 2009, 21, 24-34.	2.6	15
87	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.	5.5	15
88	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
89	Hybrid light-emitting devices for the straightforward readout of chiral information. <i>Chirality</i> , 2021, 33, 875-882.	2.6	15
90	Enantioselectivity in Cardioprotection induced by (S)-($\hat{\alpha}$)-2,2-Dimethyl-N-(4-acetamido-benzyl)-4-spiromorpholone-chromane. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1477-1480.	6.4	14

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91	Carprofen Analogues as Sirtuin Inhibitors: Enzyme and Cellular Studies. <i>ChemMedChem</i> , 2012, 7, 1905-1908.	3.2	14
92	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.	6.4	14
93	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.	5.3	14
94	Large Scale Chirality Transduction with Functional Molecular Materials. <i>Chemistry of Materials</i> , 2020, 32, 10663-10669.	6.7	14
95	Reverse transcriptase inhibitors promote the remodelling of nuclear architecture and induce autophagy in prostate cancer cells. <i>Cancer Letters</i> , 2020, 478, 133-145.	7.2	14
96	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.	6.4	13
97	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.	3.7	13
98	3-(Phenyl-4-oxy)-5-phenyl-4,5-dihydro-(1 <i>H</i>)-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.	3.7	13
99	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.	5.2	13
100	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.	7.4	13
101	Widening the Scope of ∞ Inherently Chiral ∞ Electrodes: Enantiodiscrimination of Chiral Electroactive Probes with Planar Stereogenicity. <i>ChemElectroChem</i> , 2020, 7, 3429-3438.	3.4	13
102	HPLC enantioseparation and absolute configuration of novel anti-inflammatory pyrrole derivatives. <i>Chirality</i> , 2008, 20, 775-780.	2.6	12
103	Chiral HPLC separation and absolute configuration of novel <i>S</i> -DABO derivatives. <i>Chirality</i> , 2009, 21, 604-612.	2.6	12
104	Ph ∞ tetraMe ∞ 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.	2.4	12
105	Determination of the Enantiomerization Barrier of the Residual Enantiomers of C_3 -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.	2.6	12
106	Electrochemistry and Chirality in Bibenzimidazole Systems. <i>Electrochimica Acta</i> , 2015, 179, 250-262.	5.2	12
107	Wireless light-emitting device for the determination of chirality in real samples. <i>Electrochimica Acta</i> , 2022, 421, 140494.	5.2	12
108	Synthesis and Cerebral Uptake of 1-(1- ¹¹ C]Methyl-1 <i>H</i> -pyrrol-2-yl)-2-phenyl-2-(1-pyrrolidiny)ethanone, a Novel Tracer for Positron Emission Tomography Studies of Monoamine Oxidase Type A. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 1617-1622.	6.4	11

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109	Enantioselective HPLC combined with spectroscopic methods: A valid strategy to determine the absolute configuration of potential β -secretase inhibitors. <i>Talanta</i> , 2010, 82, 1306-1312.	5.5	11
110	Heterocyclic pharmacology of new rhinovirus antiviral agents: A combined computational and experimental study. <i>European Journal of Medicinal Chemistry</i> , 2017, 140, 528-541.	5.5	11
111	Helicity: A Non-Conventional Stereogenic Element for Designing Inherently Chiral Ionic Liquids for Electrochemical Enantiodifferentiation. <i>Molecules</i> , 2021, 26, 311.	3.8	11
112	Semipreparative HPLC enantioseparation, chiroptical properties, and absolute configuration of two novel cyclooxygenase-2 inhibitors. <i>Chirality</i> , 2010, 22, 56-62.	2.6	10
113	Comparison of Coated and Immobilized Chiral Stationary Phases Based on Amylose tris-[(S)-1-Methylbenzylcarbamate] for the HPLC Enantiomer Separation of β -Lipoic Acid and Its Reduced Form. <i>Molecules</i> , 2021, 26, 1747.	3.8	10
114	(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
115	Stereolability of Chiral Ruthenium Catalysts With Frozen NHC Ligand Conformations Investigated by Dynamic HPLC. <i>Chirality</i> , 2015, 27, 685-692.	2.6	9
116	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.	3.7	9
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