

Roberto Cirilli

List of Publications by Year in descending order

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143
papers

3,738
citations

136740

32
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189595

50
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153
all docs

153
docs citations

153
times ranked

3837
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Biochemical, Structural, and Biological Evaluation of Tranylcpromine Derivatives as Inhibitors of Histone Demethylases LSD1 and LSD2. <i>Journal of the American Chemical Society</i> , 2010, 132, 6827-6833. | 6.6 | 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. | 2.9 | 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. | 2.9 | 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. | 2.6 | 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. | 2.9 | 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. | 7.2 | 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. | 1.4 | 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. | 1.8 | 80 |
| 9 | Inherently chiral electrodes: the tool for chiral voltammetry. <i>Chemical Science</i> , 2015, 6, 1706-1711. | 3.7 | 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. | 1.8 | 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. | 1.2 | 58 |
| 12 | 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 |
| 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. | 2.9 | 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. | 2.9 | 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. | 2.9 | 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. | 1.4 | 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. | 2.9 | 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. | 2.9 | 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. | 3.2 | 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. | 1.4 | 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. | 1.8 | 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. | 2.9 | 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. | 2.6 | 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. | 2.9 | 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. | 1.3 | 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. | 2.6 | 36 |
| 27 | 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 |
| 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. | 1.8 | 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. | 1.3 | 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. | 1.8 | 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. | 2.6 | 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. | 2.4 | 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. | 1.3 | 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. | 1.8 | 33 |
| 35 | Inherently Chiral Ionic Liquid Media: Effective Chiral Electroanalysis on Achiral Electrodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2079-2082. | 7.2 | 33 |
| 36 | Absolute Chiral Recognition with Hybrid Wireless Electrochemical Actuators. <i>Analytical Chemistry</i> , 2020, 92, 10042-10047. | 3.2 | 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. | 1.3 | 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(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 |
| 40 | 1-[(3-Aryloxy-3-aryl)propyl]-1 <i>H</i> -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 |
| 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. | 1.8 | 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. | 2.6 | 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. | 1.4 | 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. | 1.9 | 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. | 1.3 | 26 |
| 46 | Steric and Electronic Effects on the Configurational Stability of Residual Chiral Phosphorus-Centered Three-Bladed Propellers: Tris- <i>n</i> -Aryl Phosphanes. <i>Chemistry - A European Journal</i> , 2013, 19, 182-194. | 1.7 | 26 |
| 47 | Structure-Based Drug Design of Potent Pyrazole Derivatives against Rhinovirus Replication. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8402-8416. | 2.9 | 26 |
| 48 | 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 |
| 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. | 1.4 | 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. | 1.8 | 25 |
| 51 | Inherently Chiral Spider-Like Oligothiophenes. <i>Chemistry - A European Journal</i> , 2016, 22, 10839-10847. | 1.7 | 25 |
| 52 | Identification of the stereochemical requirements in the 4-aryl-2-cycloalkylidenehydrazinylthiazole scaffold for the design of selective human monoamine oxidase B inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2887-2895. | 1.4 | 24 |
| 53 | 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 II. Solvophobic effects in enantiorecognition process. <i>Journal of Chromatography A</i> , 2017, 1499, 140-148. | 1.8 | 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. | 2.5 | 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. | 6.6 | 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. | 1.8 | 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. | 2.5 | 23 |
| 58 | 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 |
| 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. | 1.3 | 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. | 1.8 | 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. | 2.6 | 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. | 2.4 | 22 |
| 63 | 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 |
| 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. | 2.6 | 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. | 1.7 | 21 |
| 66 | Screening of Benzimidazole-Based Anthelmintics and Their Enantiomers as Repurposed Drug Candidates in Cancer Therapy. <i>Pharmaceuticals</i> , 2021, 14, 372. | 1.7 | 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. | 1.8 | 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. | 1.8 | 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. | 1.4 | 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. | 1.6 | 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. | 1.8 | 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. | 1.7 | 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. | 2.9 | 19 |
| 74 | An inherently chiral 1,1'-bibenzimidazolium additive for enantioselective voltammetry in ionic liquid media. <i>Electrochemistry Communications</i> , 2018, 89, 57-61. | 2.3 | 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. | 1.3 | 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. | 1.4 | 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. | 1.3 | 18 |
| 78 | 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 |
| 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. | 2.9 | 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. | 1.8 | 17 |
| 81 | Bipolar Electrochemical Measurement of Enantiomeric Excess with Inherently Chiral Polymer Actuators. <i>ACS Measurement Science Au</i> , 2021, 1, 110-116. | 1.9 | 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. | 2.9 | 16 |
| 83 | Pure Diastereomers of a Tranylcyproline-Based LSD1 Inhibitor: Enzyme Selectivity and In-Cell Studies. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 173-177. | 1.3 | 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. | 2.4 | 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. | 2.9 | 16 |
| 86 | A rational approach to predict and modulate stereolability of chiral $\hat{\pm}$ substituted ketones. <i>Chirality</i> , 2009, 21, 24-34. | 1.3 | 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. | 2.6 | 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. | 2.6 | 15 |
| 89 | Hybrid light-emitting devices for the straightforward readout of chiral information. <i>Chirality</i> , 2021, 33, 875-882. | 1.3 | 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. | 2.9 | 14 |

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|-----|--|-----|-----------|
| 91 | Carprofen Analogues as Sirtuin Inhibitors: Enzyme and Cellular Studies. <i>ChemMedChem</i> , 2012, 7, 1905-1908. | 1.6 | 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. | 2.9 | 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. | 2.4 | 14 |
| 94 | Large Scale Chirality Transduction with Functional Molecular Materials. <i>Chemistry of Materials</i> , 2020, 32, 10663-10669. | 3.2 | 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. | 3.2 | 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. | 2.9 | 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. | 1.8 | 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. | 1.8 | 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. | 2.5 | 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. | 3.7 | 13 |
| 101 | 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 |
| 102 | HPLC enantioseparation and absolute configuration of novel anti-inflammatory pyrrole derivatives. <i>Chirality</i> , 2008, 20, 775-780. | 1.3 | 12 |
| 103 | Chiral HPLC separation and absolute configuration of novel <i>S</i> -DABO derivatives. <i>Chirality</i> , 2009, 21, 604-612. | 1.3 | 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. | 1.2 | 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. | 1.3 | 12 |
| 106 | Electrochemistry and Chirality in Bibenzimidazole Systems. <i>Electrochimica Acta</i> , 2015, 179, 250-262. | 2.6 | 12 |
| 107 | Wireless light-emitting device for the determination of chirality in real samples. <i>Electrochimica Acta</i> , 2022, 421, 140494. | 2.6 | 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. | 2.9 | 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. | 2.9 | 11 |
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