

# Christian Roussel

## List of Publications by Year in descending order

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169  
papers

5,396  
citations

76326

40  
h-index

106344

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g-index

187  
all docs

187  
docs citations

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times ranked

4479  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Selective Preparation of 3,4,5-Trinitro-1 <i>H</i> -Pyrazole: A Stable All-Carbon-Nitrated Arene. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3177-3181.  | 13.8 | 195       |
| 2  | Enantioselective Syntheses of Furan Atropisomers by an Oxidative Central-to-Axial Chirality Conversion Strategy. <i>Journal of the American Chemical Society</i> , 2017, 139, 2140-2143.                                   | 13.7 | 195       |
| 3  | Acid/Base-Triggered Switching of Circularly Polarized Luminescence and Electronic Circular Dichroism in Organic and Organometallic Helicenes. <i>Chemistry - A European Journal</i> , 2015, 21, 1673-1681.                 | 3.3  | 166       |
| 4  | Combining Organocatalysis with Central-to-Axial Chirality Conversion: Atroposelective Hantzsch-Type Synthesis of 4-Arylpyridines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1401-1405.                  | 13.8 | 150       |
| 5  | Self-disproportionation of enantiomers via achiral chromatography: a warning and an extra dimension in optical purifications. <i>Chemical Society Reviews</i> , 2012, 41, 4180.  | 38.1 | 148       |
| 6  | Metallahelicenes: Easily Accessible Helicene Derivatives with Large and Tunable Chiroptical Properties. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 99-102.   | 13.8 | 144       |
| 7  | Controlling Chirality and Optical Properties of Artificial Antenna Systems with Self-Assembling Porphyrins. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2140-2144.  | 13.8 | 140       |
| 8  | Straightforward access to mono- and bis-cycloplatinated helicenes displaying circularly polarized phosphorescence by using crystallization resolution methods. <i>Chemical Science</i> , 2014, 5, 1915.                    | 7.4  | 140       |
| 9  | Axial-to-central chirality transfer in cyclization processes. <i>Chemical Society Reviews</i> , 2013, 42, 8434.  | 38.1 | 129       |
| 10 | Metal-Bis(helicene) Assemblies Incorporating $\pi$ -Conjugated Phosphole-Azahelicene Ligands: Impacting Chiroptical Properties by Metal Variation. <i>Journal of the American Chemical Society</i> , 2009, 131, 3183-3185. | 13.7 | 127       |
| 11 | Ruthenium-Vinylhelicenes: Remote Metal-Based Enhancement and Redox Switching of the Chiroptical Properties of a Helicene Core. <i>Journal of the American Chemical Society</i> , 2012, 134, 15628-15631.                   | 13.7 | 126       |
| 12 | Chiral liquid chromatography contribution to the determination of the absolute configuration of enantiomers. <i>Journal of Chromatography A</i> , 2004, 1037, 311-328.   | 3.7  | 110       |
| 13 | Synthesis and chiral recognition ability of helical polyacetylenes bearing helicene pendants. <i>Polymer Chemistry</i> , 2014, 5, 4909.  | 3.9  | 97        |
| 14 | enantio-Enriched CPL-active helicene-bipyridine-rhenium complexes. <i>Chemical Communications</i> , 2015, 51, 3754-3757.   | 4.1  | 91        |
| 15 | Atropisomerism and Axial Chirality in Heteroaromatic Compounds. <i>Advances in Heterocyclic Chemistry</i> , 2012, , 1-188.   | 1.7  | 84        |
| 16 | Comparison of racemization processes in 1-arylpyrimidine-2-thione and 3-arylthiazoline-2-thione atropisomers and their oxygen analogs. <i>Journal of Organic Chemistry</i> , 1988, 53, 5076-5080.                          | 3.2  | 81        |
| 17 | Structural Characterization of Artificial Self-Assembling Porphyrins That Mimic the Natural Chlorosomal Bacteriochlorophylls. <i>Chemistry - A European Journal</i> , 2005, 11, 2267-2275.                                 | 3.3  | 80        |
| 18 | Influence of substituents on the rotational energy barrier of atropisomeric biphenyls - studies by polarimetry and dynamic gas chromatography. <i>Liebigs Annalen</i> , 1995, 1995, 781-786.                               | 0.8  | 78        |

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|----|--|------|-----------|
| 19 | From Hetero- to Homochiral Bis(metallahelicene)s Based on a Pt <sup>III</sup> -Pt <sup>III</sup> Bonded Scaffold: Isomerization, Structure, and Chiroptical Properties. <i>Journal of the American Chemical Society</i> , 2011, 133, 3800-3803.  | 13.7 | 78        |
| 20 | Steric interplay between alkyl groups bonded to planar frameworks. <i>Accounts of Chemical Research</i> , 1985, 18, 80-86.   | 15.6 | 74        |
| 21 | Ethylenedithio- $\lambda^5$ -Tetrathiafulvalene- $\lambda^5$ -Helicenes: Electroactive Helical Precursors with Switchable Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2013, 19, 13160-13167.   | 3.3  | 73        |
| 22 | Combining Organocatalysis with Central-to-Axial Chirality Conversion: Atroposelective Hantzsch-Type Synthesis of 4-Arylpyridines. <i>Angewandte Chemie</i> , 2016, 128, 1423-1427.   | 2.0  | 68        |
| 23 | The Quantitative Analysis of Steric Effects in Heteroaromatics. <i>Advances in Heterocyclic Chemistry</i> , 1988, 43, 173-299.   | 1.7  | 63        |
| 24 | Multifunctional and Reactive Enantiopure Organometallic Helicenes: Tuning Chiroptical Properties by Structural Variations of Mono- and Bis(platinahelicene)s. <i>Chemistry - A European Journal</i> , 2011, 17, 14178-14198.   | 3.3  | 62        |
| 25 | Anisotropic Organization and Microscopic Manipulation of Self-Assembling Synthetic Porphyrin Microrods That Mimic Chlorosomes: Bacterial Light-Harvesting Systems. <i>Journal of the American Chemical Society</i> , 2012, 134, 944-954.   | 13.7 | 55        |
| 26 | Steric Scale of Common Substituents from Rotational Barriers of <i>N</i> -( <i>o</i> -Substituted) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 4   | 3.2  | 54        |
| 27 | Complete energy profile of a chiral propeller compound: Tris-(2-methylbenzimidazol-1-yl) Methane (TMBM). Chromatographic resolution on triacetyl cellulose, x-ray structures of the racemic and one enantiomer, and dynamic NMR study. <i>Tetrahedron: Asymmetry</i> , 1990, 1, 65-86. | 1.8  | 53        |
| 28 | True or apparent reversal of elution order during chiral high-performance liquid chromatography monitored by a polarimetric detector under different mobile phase conditions. <i>Journal of Chromatography A</i> , 2003, 995, 79-85.   | 3.7  | 53        |
| 29 | Theoretical reassessment of Whelk-O1 as an enantioselective receptor for 1-(4-halogeno-phenyl)-1-ethylamine derivatives. <i>Chirality</i> , 2004, 16, S1-S11.  | 2.6  | 52        |
| 30 | Green Self-Assembling Porphyrins and Chlorins as Mimics of the Natural Bacteriochlorophylls, d, and e. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 3919-3930.   | 2.4  | 51        |
| 31 | Systematic evaluation of new chiral stationary phases for supercritical fluid chromatography using a standard racemate library. <i>Journal of Chromatography A</i> , 2010, 1217, 1134-1138.  | 3.7  | 51        |
| 32 | Atropisomerism in the 2-Arylimino- <i>N</i> -(2-hydroxyphenyl)thiazoline Series: Influence of Hydrogen Bonding on the Racemization Process. <i>Journal of Organic Chemistry</i> , 2008, 73, 403-411.   | 3.2  | 50        |
| 33 | Cationic $\beta$ -cyclodextrin: a new versatile chiral additive for separation of drug enantiomers by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1995, 704, 67-74.   | 3.7  | 47        |
| 34 | CHIRBASE, a molecular database for the separation of enantiomers by chromatography. <i>Journal of Chromatography A</i> , 1994, 666, 557-563.   | 3.7  | 46        |
| 35 | New 1,4-Dihydropyridines Endowed with NO-Donor and Calcium Channel Agonist Properties. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 2688-2693.  | 6.4  | 46        |
| 36 | Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 2190-2194.  | 2.0  | 45        |

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|----|---|------|-----------|
| 37 | Ruthenium-Graded Vinylhelicenes: Chiroptical Properties and Redox Switching. Chemistry - A European Journal, 2015, 21, 17100-17115.   | 3.3  | 43        |
| 38 | Reviewing mobile phases used on Chiralcel OD through an application of data mining tools to CHIRBASE database. Journal of Chromatography A, 2001, 906, 443-458.   | 3.7  | 41        |
| 39 | Ridge-Tile-like Chiral Topology: Synthesis, Resolution, and Complete Chiroptical Characterization of Enantiomers of Edge-Sharing Binuclear Square Planar Complexes of Ni(II) Bearing Achiral Ligands. Journal of the American Chemical Society, 2010, 132, 10477-10483. | 13.7 | 41        |
| 40 | Assembly of Helicene-Capped N,P,N,P-N-Helicands within Cu <sup>I</sup> Helicates: Impacting Chiroptical Properties by Ligand-Ligand Charge Transfer. Angewandte Chemie - International Edition, 2013, 52, 1968-1972.  | 13.8 | 41        |
| 41 | New Selective Phosphodiesterase 4D Inhibitors Differently Acting on Long, Short, and Supershort Isoforms. Journal of Medicinal Chemistry, 2009, 52, 6546-6557.  | 6.4  | 40        |
| 42 | CHIRBASE, a graphical molecular database on the separation of enantiomers by liquid-, supercritical fluid-, and gas chromatography. Chirality, 1993, 5, 213-219.  | 2.6  | 38        |
| 43 | Synthesis and Voltage-Clamp Studies of Methyl 1,4-Dihydro-2,6-dimethyl-5-nitro-4-(benzofurazanyl)pyridine-3-carboxylate Racemates and Enantiomers and of Their Benzofuroxanyl Analogues. Journal of Medicinal Chemistry, 1999, 42, 1422-1427.                           | 6.4  | 38        |
| 44 | Metal catalyst-free amination of meso-bromoporphyrins: an entry to supramolecular porphyrinoid frameworks. Tetrahedron, 2009, 65, 3733-3739.  | 1.9  | 38        |
| 45 | Helicene-grafted vinyl- and carbene-osmium complexes: an example of acid-base chiroptical switching. Chemical Communications, 2014, 50, 2854-2856.  | 4.1  | 38        |
| 46 | Studies on amphiprotic compounds. 3. Hydrogen-bonding basicity of oxygen and sulfur compounds. Journal of Organic Chemistry, 1988, 53, 1545-1550.   | 3.2  | 37        |
| 47 | NH-type of chiral Ni(II) complexes of glycine Schiff base: design, structural evaluation, reactivity and synthetic applications. Organic and Biomolecular Chemistry, 2014, 12, 1278.  | 2.8  | 37        |
| 48 | Non-racemic atropisomeric (thio)ureas as neutral enantioselective anion receptors for amino-acid derivatives: Origin of smaller <i>K<sub>ass</sub></i> with thiourea than urea derivatives. Chirality, 2006, 18, 762-771.   | 2.6  | 36        |
| 49 | Chiroptical Properties of Carbo[6]Helicene Derivatives Bearing Extended $\pi$ -Conjugated Cyano Substituents. Chirality, 2013, 25, 455-465.   | 2.6  | 36        |
| 50 | Aza[6]helicene Platinum Complexes: Chirality Control of <i>cis-trans</i> Isomerism. Angewandte Chemie - International Edition, 2014, 53, 5786-5790.   | 13.8 | 35        |
| 51 | Example of the concentration dependence of elution order in the resolution of enantiomers on microcrystalline triacetylcellulose chiral stationary phase. Journal of Chromatography A, 1989, 462, 95-103.   | 3.7  | 34        |
| 52 | Mimics of the Self-Assembling Chlorosomal Bacteriochlorophylls: Regio- and Stereoselective Synthesis and Stereoanalysis of Acyl(1-hydroxyalkyl)porphyrins. Journal of the American Chemical Society, 2009, 131, 14480-14492.  | 13.7 | 31        |
| 53 | An insight into the use of dimethylphenyl carbamate cyclofructan 7 chiral stationary phase in supercritical fluid chromatography: The basic comparison with HPLC. Journal of Separation Science, 2013, 36, 1711-1719.   | 2.5  | 30        |
| 54 | Electronic and chiroptical properties of chiral cycloiridated complexes bearing helicenic NHC ligands. Chemical Communications, 2016, 52, 9243-9246.  | 4.1  | 30        |

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|----|--|------|-----------|
| 55 | Toward structure-based predictive tools for the selection of chiral stationary phases for the chromatographic separation of enantiomers. <i>Journal of Chromatography A</i> , 2016, 1467, 206-213.   | 3.7  | 29        |
| 56 | Effects of alkyl substituents on chiral separation of N-arylthiazolin-2-(thi)one atropisomers on tris (p-methylbenzoyl)cellulose beads and cellulose triacetate: Lipophilicity aspects. <i>Chirality</i> , 1994, 6, 251-260.                             | 2.6  | 28        |
| 57 | Synthesis and Vibrational Circular Dichroism of Enantiopure Chiral Oxorhenium(V) Complexes Containing the Hydrotris(1-pyrazolyl)borate Ligand. <i>Inorganic Chemistry</i> , 2006, 45, 10230-10239.   | 4.0  | 28        |
| 58 | Enantioselective cyanosilylation of aldehydes catalysed by a diastereomeric mixture of atropisomeric thioureas. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 999-1006.  | 1.8  | 28        |
| 59 | A screening study of ChirBase molecular database to explore the expanded chiral pool derived from the application of chiral chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 839-847.                                | 2.8  | 28        |
| 60 | Diastereo- and Enantioselective Synthesis of Organometallic Bis(helicene)s by a Combination of C <sub>1</sub> and C <sub>2</sub> Activation and Dynamic Isomerization. <i>Chemistry - A European Journal</i> , 2013, 19, 16722-16728.                    | 3.3  | 28        |
| 61 | Gear effect. <i>Tetrahedron</i> , 1983, 39, 4209-4219.   | 1.9  | 27        |
| 62 | Data mining and enantiophore studies on chiral stationary phases used in HPLC separation. <i>Chirality</i> , 2005, 17, S74-S83.  | 2.6  | 27        |
| 63 | Synthesis, Structural Analysis, and Chiral Investigations of Some Atropisomers with C <sub>1</sub> -Tetrahalogeno-1,3-butadiene Core. <i>Journal of Organic Chemistry</i> , 2009, 74, 9062-9070.   | 3.2  | 27        |
| 64 | Inherently chiral phosphonatocavitands as artificial chemo- and enantio-selective receptors of natural ammoniums. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5086.   | 2.8  | 27        |
| 65 | Gear effect. 9. Steric anisotropy of space through "Januslike" substituents. A dynamic proton and carbon-13 NMR study of 1,3-dibenzyl-4,5-diisopropylimidazoline-2-thione. <i>Journal of the American Chemical Society</i> , 1980, 102, 7848-7853.       | 13.7 | 26        |
| 66 | Chiral separation of hesperidin and naringin and its analysis in a butanol extract of <i>Launaea arborescens</i> . <i>Natural Product Research</i> , 2010, 24, 669-681.  | 1.8  | 26        |
| 67 | Enantiomers of dimethyl [(2E)-1,3-diphenylprop-2-en-1-yl]propanedioate resulting from allylic alkylation reaction: Elution order on major high-performance liquid chromatography chiral columns. <i>Journal of Chromatography A</i> , 2012, 1269, 82-93. | 3.7  | 26        |
| 68 | The absolute configuration of an inherently chiral phosphonatocavitand and its use toward the enantioselective recognition of l-adrenaline. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1534-1541.   | 1.8  | 25        |
| 69 | Investigation into the chiral recognition mechanism of N-arylthiazolin-2(thi)one atropisomers on Chiralcel OJ by factorial design and lipophilicity approaches. <i>Journal of Chromatography A</i> , 1997, 761, 129-138.                                 | 3.7  | 24        |
| 70 | N <sup>19</sup> C Axially Chiral Anilines: Electronic Effect on Barrier to Rotation and A Remote Proton Brake. <i>Chemistry - A European Journal</i> , 2018, 24, 4453-4458.  | 3.3  | 24        |
| 71 | Part III: Supercritical Fluid Chromatographic Separations. <i>Separation and Purification Reviews</i> , 2008, 37, 229-301.   | 5.5  | 23        |
| 72 | A theoretical study of the conformation, basicity and NMR properties of 2,2'-, 3,3'- and 4,4'-bipyridines and their conjugated acids. <i>Computational and Theoretical Chemistry</i> , 2011, 966, 334-339.   | 2.5  | 23        |

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|----|---|-----|-----------|
| 73 | Enantioselective correlation between retention factor and lipophilicity index in chiral separation on cellulose and amylose tris(3,5-dimethylphenylcarbamate) CSPs in reversed mode: A case study. <i>Chirality</i> , 2001, 13, 56-61.                      | 2.6 | 22        |
| 74 | Enantiophore modeling in 3D-QSAR. A data mining application on Whelk-O1 chiral stationary phase. <i>Chirality</i> , 2006, 18, 498-508.  | 2.6 | 22        |
| 75 | <i>Artemisia arborescens</i> Essential Oil Composition, Enantiomeric Distribution, and Antimicrobial Activity from Different Wild Populations from the Mediterranean Area. <i>Chemistry and Biodiversity</i> , 2016, 13, 1095-1102.                         | 2.1 | 22        |
| 76 | Influence of Substituents on the Rotational Energy Barrier of Axially Chiral Biphenyls, II. <i>Liebigs Annalen</i> , 1996, 1996, 357-363.   | 0.8 | 21        |
| 77 | Subtle chirality in oxo- and sulfido-rhenium(v) complexes. <i>Chemical Communications</i> , 2009, , 4841.   | 4.1 | 21        |
| 78 | Analysis of the major chiral compounds of <i>Artemisia herba-alba</i> essential oils (EOs) using reconstructed vibrational circular dichroism (VCD) spectra: En route to a VCD chiral signature of EOs. <i>Analytica Chimica Acta</i> , 2016, 903, 121-130. | 5.4 | 21        |
| 79 | Conformational analysis of trigonal and planar rotors attached to 4-azoline-2-thiones. The effect of ring geometry. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1985, , 273-277.  | 0.9 | 20        |
| 80 | Conversion of a racemate into a single enantiomer in one step by chiral liquid chromatography: Studies with rac-2,2'-diiodobiphenyl. <i>Chirality</i> , 1995, 7, 610-611.   | 2.6 | 20        |
| 81 | Chiral oxorhenium(v) complexes as candidates for the experimental observation of molecular parity violation: a structural, synthetic and theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 8792.                                    | 2.8 | 20        |
| 82 | Nanoscope Imaging of meso-Tetraalkylporphyrins Prepared in High Yields Enabled by Montmorillonite K10 and 3-Å Molecular Sieves. <i>Chemistry - A European Journal</i> , 2013, 19, 11293-11300.  | 3.3 | 20        |
| 83 | Modeling and predicting chiral stationary phase enantioselectivity: An efficient random forest classifier using an optimally balanced training dataset and an aggregation strategy. <i>Journal of Separation Science</i> , 2018, 41, 1365-1375.             | 2.5 | 19        |
| 84 | Bimetallic Gold(I) Complexes with Ethynyl-Helicene and Bis-Phosphole Ligands: Understanding the Role of Auophilic Interactions in their Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 6075-6086.                                | 3.3 | 18        |
| 85 | <sup>13</sup> C Axially Chiral Compounds with an ortho-Fluoro Substituent and Steric Discrimination between Hydrogen and Fluorine Atoms Based on a Diastereoselective Model Reaction. <i>Journal of Organic Chemistry</i> , 2019, 84, 3169-3175.            | 3.2 | 17        |
| 86 | Separation of atropisomeric 1,4,5,6-tetrahydropyrimidinium salts by chiral HPLC and determination of their enantiomerization barriers. <i>Journal of Chromatography A</i> , 2005, 1069, 203-208.  | 3.7 | 16        |
| 87 | Chromatographic Resolution, Solution and Crystal Phase Conformations, and Absolute Configuration of tert-Butyl(dimethylamino)phenylphosphine-Borane Complex. <i>Journal of Organic Chemistry</i> , 2006, 71, 5586-5593.                                     | 3.2 | 16        |
| 88 | Chiral additive induced self-disproportionation of enantiomers under MPLC conditions: preparation of enantiomerically pure samples of 1-(aryl)ethylamines from racemates. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 317-321.                                | 1.8 | 16        |
| 89 | Separation of N-arylthiazoline-2-(thio)one atropisomers on p-methylbenzoyl cellulose beads: A factorial design approach. <i>Chirality</i> , 1993, 5, 207-212.   | 2.6 | 15        |
| 90 | Enantiorecognition on solid chiral selectors using microbatch technology: an example of limitation in case of strong association in the racemate. <i>Biomedical Chromatography</i> , 2005, 19, 434-438.   | 1.7 | 15        |

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|-----|---|-----|-----------|
| 91  | Chiroptical Detectors for the Study of Unusual Phenomena in Chiral Chromatography. Topics in Current Chemistry, 2013, 340, 107-151.   | 4.0 | 15        |
| 92  | Attempts to separate (â€“)â€“thujone, (+)â€“thujone epimers from camphor enantiomers by enantioselective HPLC with polarimetric detection. Journal of Separation Science, 2013, 36, 832-839.  | 2.5 | 15        |
| 93  | Tetraacylation of isobutene: first synthesis of 1,3,6,8-tetramethyl-2,7-naphthyridine. Tetrahedron Letters, 1984, 25, 515-518.  | 1.4 | 14        |
| 94  | Factorial design approach to studying the high-performance liquid chromatographic chiral separation of N-arylthiazolin-2(thi)one atropisomers on CHIRALCEL OJ. Journal of Chromatography A, 1996, 722, 177-188.   | 3.7 | 14        |
| 95  | Contribution of chiral HPLC in tandem with polarimetric detection in the determination of absolute configuration by chemical interconversion method: Example in 1-(thi)oxothiazolinyl-3-(thi)oxothiazolinyl toluene atropisomer series. Chirality, 2002, 14, 665-673. | 2.6 | 14        |
| 96  | ?-Cyclodextrin as chiral mobile phase additive in the HPLC separation of the atropisomers of some N-arylthiazoline-2-thiones and N-arylthiazoline-2-ones: Attempts to quantify the effect of selected structural parameters. Chirality, 1993, 5, 471-478.             | 2.6 | 13        |
| 97  | Atropisomerism in Amidinoquinoxaline Oxides: Effect of the Ring Size and Substituents on the Enantiomerization Barriers. Journal of Organic Chemistry, 2015, 80, 1689-1695.   | 3.2 | 13        |
| 98  | Synthesis and Structural Properties of Aza[n]helicene Platinum Complexes: Control of Cis and Trans Stereochemistry. Inorganic Chemistry, 2016, 55, 2009-2017.   | 4.0 | 13        |
| 99  | Atropisomerization in N-aryl-2(1H)-pyrimidin-(thi)ones: A Ring-Opening/Rotation/Ring-Closure Process in Place of a Classical Rotation around the Pivot Bond. Journal of Organic Chemistry, 2013, 78, 12577-12584.   | 3.2 | 12        |
| 100 | Relationship between rotational barriers and structures in Nâ€“C axially chiral 3,4-dihydroquinolin-2-one and 3,4-dihydrobenzoquinolin-2-one. Tetrahedron Letters, 2015, 56, 132-135.   | 1.4 | 12        |
| 101 | Isolation of the major chiral compounds from Bubonium graveolens essential oil by HPLC and absolute configuration determination by VCD. Chirality, 2017, 29, 70-79.   | 2.6 | 12        |
| 102 | New Route to 3-Alkylthiazolo[3,2-a]benzimidazole Derivatives. Molecules, 2005, 10, 327-333.   | 3.8 | 12        |
| 103 | Hydrogen bonding abilities and self-association of some potentially bifunctional catalysts. Part 2. Mercaptoazole derivatives. Journal of the Chemical Society Perkin Transactions II, 1977, , 1015.  | 0.9 | 11        |
| 104 | Dynamic stereochemistry at sp <sup>2</sup> bonds part IIâ€“the importance of ground-state strain in the determination of apparent spatial requirements of substituents. Magnetic Resonance in Chemistry, 1980, 14, 166-170.   | 0.7 | 11        |
| 105 | HPLC separation and VCD spectroscopy of chiral pyrazoles derived from (5R)-dihydrocarvone. Tetrahedron: Asymmetry, 2007, 18, 1911-1917.   | 1.8 | 11        |
| 106 | Determination of the absolute configuration of 1,3,5-triphenyl-4,5-dihydropyrazole enantiomers by a combination of VCD, ECD measurements, and theoretical calculations. Tetrahedron: Asymmetry, 2011, 22, 1120-1124.  | 1.8 | 11        |
| 107 | On the Enantioselective Phosphoric-Acid-Catalyzed Hantzsch Synthesis of Polyhydroquinolines. Organic Letters, 2021, 23, 3394-3398.  | 4.6 | 11        |
| 108 | Use of steric effects in determining the position of the transition state for the SN <sub>2</sub> reaction between methyl iodide and 4-thiazoline-2-thiones. Journal of the Chemical Society Perkin Transactions II, 1974, , 1304-1306.                               | 0.9 | 10        |



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|-----|---|-----|-----------|
| 109 | Hindered internal rotation in 3,4-di-isopropyl- $\hat{\nu}$ 4-thiazoline-2-thione from temperature-dependent nuclear magnetic resonance spectra of five different groups of protons: a methodological study. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1975, , 1690-1694. | 0.9 | 10        |
| 110 | Bis[oxo/thioxothiazolinyl] Aromatic Compounds - Synthesis and Conformational Assignment. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 1081-1090.  | 2.4 | 10        |
| 111 | Rhenium complexes bearing phosphole- $\hat{\nu}$ pyridine chelates: simple molecules with large chiroptical properties. <i>Chemical Communications</i> , 2012, 48, 6705.  | 4.1 | 10        |
| 112 | Static and Dynamic Properties of 1,1- $\hat{\nu}$ 2-naphthol and Its Conjugated Acids and Bases. <i>Chemistry - A European Journal</i> , 2014, 20, 14816-14825.   | 3.3 | 10        |
| 113 | Pyrylium salts from Friedel-Crafts acetylation of isoparaffins. <i>Journal of Organic Chemistry</i> , 1979, 44, 2972-2976.  | 3.2 | 9         |
| 114 | Preparation of homochiral 9-anthryl-tert-butylcarbinol. The configurational and conformational NMR study of its carbamate derivatives. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 1307-1310.  | 1.8 | 9         |
| 115 | Structure and substituent effect on chiral separation of some 4a-methyl-2,3,4,4a-tetrahydro-1H-fluorene derivatives and 4a-methyl-1,2,3,4,4a,9a-hexahydro-fluoren-9-one derivatives on CTA-I and chiralcel OJ chiral stationary phases. <i>Chirality</i> , 1998, 10, 522-527.                   | 2.6 | 9         |
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