

Christian Roussel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7840316/publications.pdf>

Version: 2024-02-01

169
papers

5,396
citations

76326

40
h-index

106344

65
g-index

187
all docs

187
docs citations

187
times ranked

4479
citing authors

#	ARTICLE	IF	CITATIONS
1	Rotational Behavior of <i>N</i> -(5-Substituted-pyrimidin-2-yl)anilines: Relayed Electronic Effect in Two N-Ar Bond Rotations. <i>Journal of Organic Chemistry</i> , 2022, 87, 8118-8125.	3.2	3
2	Slight structural modulation around a pivotal bond: high impact on enantiomeric stability. <i>New Journal of Chemistry</i> , 2021, 45, 16039-16047.	2.8	0
3	On the Enantioselective Phosphoric-Acid-Catalyzed Hantzsch Synthesis of Polyhydroquinolines. <i>Organic Letters</i> , 2021, 23, 3394-3398.	4.6	11
4	Detection of Isotopic Atropisomerism Based on ortho-H/D Discrimination. <i>Organic Letters</i> , 2021, 23, 7492-7496.	4.6	6
5	Regiospecific Synthesis and Structural Studies of 3,5-Dihydro-4 <i>H</i> -pyrido[2,3- <i>b</i>][1,4]diazepin-4-ones and Comparison with 1,3-Dihydro-2 <i>H</i> -benzo[<i>b</i>][1,4]diazepin-2-ones. <i>ACS Omega</i> , 2020, 5, 25408-25422.	3.5	5
6	Relayed Proton Brake in <i>N</i> -Pyridyl-2-iso-propylaniline Derivative: Two Brakes with One Proton. <i>Journal of Organic Chemistry</i> , 2020, 85, 5109-5113.	3.2	6
7	Chromatographic approach to study the configurational stability of Ni(II) complexes of amino acid Schiff bases possessing stereogenic nitrogen. <i>Chirality</i> , 2019, 31, 328-335.	2.6	3
8	Effect of substituents on the configurational stability of the stereogenic nitrogen in metal(II) complexes of α -amino acid Schiff bases. <i>Chirality</i> , 2019, 31, 401-409.	2.6	5
9	¹³ 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
10	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
11	Regioselective addition of DDQ on a quinoid ring: an entry into chiral zwitterionic bridging ligands. <i>New Journal of Chemistry</i> , 2018, 42, 8247-8252.	2.8	1
12	¹³ 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
13	Axially chiral Ni(II) complexes of α -amino acids: Separation of enantiomers and kinetics of racemization. <i>Chirality</i> , 2018, 30, 498-508.	2.6	6
14	An oxorhenium complex bearing a chiral cyclohexane-1,2-diolato-2-thiolato ligand: Synthesis, stereochemistry, and theoretical study of parity violation vibrational frequency shifts. <i>Chirality</i> , 2018, 30, 147-156.	2.6	6
15	Atropisomerism in a 10-Membered Ring with Multiple Chirality Axes: (3 <i>Z</i> ,9 <i>Z</i>)-1,2,5,8-Dithiadiazecine-6,7(5 <i>H</i> ,8 <i>H</i>)-dione Series. <i>Journal of Organic Chemistry</i> , 2018, 83, 7566-7573.	3.2	3
16	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
17	Isolation of the major chiral compounds from <i>Bubonium graveolens</i> essential oil by HPLC and absolute configuration determination by VCD. <i>Chirality</i> , 2017, 29, 70-79.	2.6	12
18	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 6	3.2	54

#	ARTICLE	IF	CITATIONS
19	A Proof of Concept: 2-Pyrazolines (4,5-Dihydro-1H-pyrazoles) Can Be Used as Organocatalysts via Iminium Activation. <i>Letters in Organic Chemistry</i> , 2016, 13, 414-419.	0.5	1
20	Mining Chromatographic Enantioseparation Data Using Matched Molecular Pair Analysis. <i>Molecules</i> , 2016, 21, 1297.	3.8	7
21	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
22	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
23	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
24	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
25	<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
26	Electronic and chiroptical properties of chiral cycloiridiated complexes bearing helicenic NHC ligands. <i>Chemical Communications</i> , 2016, 52, 9243-9246.	4.1	30
27	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
28	Synthesis and Structural Properties of Aza-helicene Platinum Complexes: Control of Cis and Trans Stereochemistry. <i>Inorganic Chemistry</i> , 2016, 55, 2009-2017.	4.0	13
29	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
30	A Forgotten Chiral Spiro Compound Revisited: 3,3'-Dimethyl-2,2'-spirobi[[1,3]benzothiazole]. <i>Chirality</i> , 2015, 27, 716-721.	2.6	2
31	Ruthenium-Grafted Vinylhelicenes: Chiroptical Properties and Redox Switching. <i>Chemistry - A European Journal</i> , 2015, 21, 17100-17115.	3.3	43
32	Atropisomerism in Amidinoquinoxaline N-Oxides: Effect of the Ring Size and Substituents on the Enantiomerization Barriers. <i>Journal of Organic Chemistry</i> , 2015, 80, 1689-1695.	3.2	13
33	enantio-Enriched CPL-active helicene-bipyridine-rhenium complexes. <i>Chemical Communications</i> , 2015, 51, 3754-3757.	4.1	91
34	Access to N-Thioalkenyl and N-(Thio)aryl-benzimidazol-2-ones by Ring Opening of Thiazolobenzimidazolium and Benzimidazobenzothiazolium Salts and C=O Bond Cleavage of an Alkoxide. <i>Journal of Organic Chemistry</i> , 2015, 80, 3233-3241.	3.2	7
35	Vibrational and electronic circular dichroism studies on the axially chiral pyridine-N-oxide: trans-2,6-di-ortho-tolyl-3,4,5-trimethylpyridine-N-oxide. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 1043-1049.	1.8	3
36	Relationship between rotational barriers and structures in N=C axially chiral 3,4-dihydroquinolin-2-one and 3,4-dihydrobenzoquinolin-2-one. <i>Tetrahedron Letters</i> , 2015, 56, 132-135.	1.4	12

#	ARTICLE	IF	CITATIONS
37	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
38	NH-type of chiral Ni(ii) complexes of glycine Schiff base: design, structural evaluation, reactivity and synthetic applications. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1278.	2.8	37
39	Synthesis and chiral recognition ability of helical polyacetylenes bearing helicene pendants. <i>Polymer Chemistry</i> , 2014, 5, 4909.	3.9	97
40	Static and Dynamic Properties of 1,1'-Bi-2-naphthol and Its Conjugated Acids and Bases. <i>Chemistry - A European Journal</i> , 2014, 20, 14816-14825.	3.3	10
41	Helicene-grafted vinyl- and carbene-osmium complexes: an example of acid-base chiroptical switching. <i>Chemical Communications</i> , 2014, 50, 2854-2856.	4.1	38
42	Aza[6]helicene Platinum Complexes: Chirality Control of <i>cis-trans</i> Isomerism. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5786-5790.	13.8	35
43	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
44	Ethylenedithio- ζ -Tetrathiafulvalene- ζ -Helicenes: Electroactive Helical Precursors with Switchable Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2013, 19, 13160-13167.	3.3	73
45	Chiroptical Detectors for the Study of Unusual Phenomena in Chiral Chromatography. <i>Topics in Current Chemistry</i> , 2013, 340, 107-151.	4.0	15
46	Chiroptical Properties of Carbo[6]Helicene Derivatives Bearing Extended Conjugated Cyano Substituents. <i>Chirality</i> , 2013, 25, 455-465.	2.6	36
47	Axial-to-central chirality transfer in cyclization processes. <i>Chemical Society Reviews</i> , 2013, 42, 8434.	38.1	129
48	Cellulose chiral induction during the synthesis of cellulose N-phthaloyl-amino acid esters. <i>Cellulose</i> , 2013, 20, 2057-2067.	4.9	1
49	An insight into the use of dimethylphenyl carbamate cyclofructan 7 chiral stationary phase in supercritical fluid chromatography: The basic comparison with HPLC. <i>Journal of Separation Science</i> , 2013, 36, 1711-1719.	2.5	30
50	Assembly of Helicene-Capped N,P,N,P-Na-Helicands within Cu ^I Helicates: Impacting Chiroptical Properties by Ligand-Ligand Charge Transfer. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1968-1972.	13.8	41
51	Metathetic sulfur transfer mediated by N-(2-aminophenyl)-4-methyl-thiazolin-2-thione derivatives. Part III: An alkylthiol- and thioacid-free route to diversely substituted S-alkyl thioesters. <i>Tetrahedron</i> , 2013, 69, 4994-5001.	1.9	3
52	Attempts to separate (â€“)â€“- α -thujone, (+)- α -thujone epimers from camphor enantiomers by enantioselective HPLC with polarimetric detection. <i>Journal of Separation Science</i> , 2013, 36, 832-839.	2.5	15
53	Atropisomerization in <i>N</i> -aryl-2(1 <i>H</i>)-pyrimidin-(thi)ones: A Ring-Opening/Rotation/Ring-Closure Process in Place of a Classical Rotation around the Pivot Bond. <i>Journal of Organic Chemistry</i> , 2013, 78, 12577-12584.	3.2	12
54	Diastereo- and Enantioselective Synthesis of Organometallic Bis(helicene)s by a Combination of C ^I -H Activation and Dynamic Isomerization. <i>Chemistry - A European Journal</i> , 2013, 19, 16722-16728.	3.3	28

#	ARTICLE	IF	CITATIONS
55	Novel phenyl(thio)ureas bearing (thio)oxothiazoline group as potential BACE-1 inhibitors: synthesis and biological evaluation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 153-162.	5.2	2
56	Nanoscopic Imaging of <i>meso</i> -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
57	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
58	Atropisomeric Chiral Probes to Study the Supramolecular Organization in Porphyrin Self-Assemblies. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6526-6536.	2.4	5
59	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
60	Asymmetric 4-Aryl-4-dihydropyridines Potentiate Mutant Cystic Fibrosis Transmembrane Conductance Regulator (CFTR). <i>ChemMedChem</i> , 2012, 7, 1799-1807.	3.2	3
61	Atropisomerism and Axial Chirality in Heteroaromatic Compounds. <i>Advances in Heterocyclic Chemistry</i> , 2012, , 1-188.	1.7	84
62	Rhenium complexes bearing phosphole-pyridine chelates: simple molecules with large chiroptical properties. <i>Chemical Communications</i> , 2012, 48, 6705.	4.1	10
63	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
64	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
65	Resolution and absolute configuration of some $\hat{\iota}$ -aminoacetals: en route to enantiopure N-protected $\hat{\iota}$ -aminoaldehydes. <i>Amino Acids</i> , 2012, 43, 687-696.	2.7	3
66	XRD and VCD: a marriage of love or convenience? Honeymoon around a cyclic urea derivative. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, o247-o252.	0.4	3
67	Chiral enantiopure bis(thio)ureas derived from TADDOL and their carboxylate complexation capacity. <i>Open Chemistry</i> , 2012, 10, 1066-1072.	1.9	3
68	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
69	From Hetero- to Homochiral Bis(metallahelicene)s Based on a Pt ^{III} -Pt ^{III} Bonded Scaffold: Isomerization, Structure, and Chiroptical Properties. <i>Journal of the American Chemical Society</i> , 2011, 133, 3800-3803.	13.7	78
70	Determination of the absolute configuration of 1,3,5-triphenyl-4,5-dihydropyrazole enantiomers by a combination of VCD, ECD measurements, and theoretical calculations. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1120-1124.	1.8	11
71	Rates of enantiomerization in axially chiral 2,2'-bipyridines with restricted rotation: an ab initio study. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1180-1183.	1.8	7
72	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

#	ARTICLE	IF	CITATIONS
73	Geometric enantiomerism in cyclic compounds: Chiral dibrominated 1,3-dioxanes. <i>Chirality</i> , 2011, 23, 167-171.	2.6	4
74	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
75	Chiral bicyclo[3.3.1]-3,7-dioxanonane derivatives: Study of crystallization mode and conformational dynamics in solution. <i>Journal of Molecular Structure</i> , 2011, 989, 20-30.	3.6	2
76	Metallahelicenes: Easily Accessible Helicene Derivatives with Large and Tunable Chiroptical Properties. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 99-102.	13.8	144
77	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
78	Metathetic sulfur transfer mediated by N-(2-aminophenyl)-4-methyl-thiazolin-2-thione derivatives: a route to diversely substituted S-alkylcarbamothioates. <i>Tetrahedron</i> , 2010, 66, 1852-1858.	1.9	4
79	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
80	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
81	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
82	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
83	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. <i>Journal of the American Chemical Society</i> , 2010, 132, 10477-10483.	13.7	41
84	Synthesis, chiral separation, and absolute configuration of bis(<i>N</i> -aryyl) atropisomeric triads: 1,2-bis(4-methyl-2-(thioxo-2,3-dihydrothiazol-3-yl)ethyl)benzene. <i>Chirality</i> , 2009, 21, 160-166.	2.6	7
85	Metal catalyst-free amination of meso-bromoporphyrins: an entry to supramolecular porphyrinoid frameworks. <i>Tetrahedron</i> , 2009, 65, 3733-3739.	1.9	38
86	Mimics of the Self-Assembling Chlorosomal Bacteriochlorophylls: Regio- and Stereoselective Synthesis and Stereoanalysis of Acyl(1-hydroxyalkyl)porphyrins. <i>Journal of the American Chemical Society</i> , 2009, 131, 14480-14492.	13.7	31
87	Synthesis, Structural Analysis, and Chiral Investigations of Some Atropisomers with <i>EE</i> -Tetrahalogeno-1,3-butadiene Core. <i>Journal of Organic Chemistry</i> , 2009, 74, 9062-9070.	3.2	27
88	New Selective Phosphodiesterase 4D Inhibitors Differently Acting on Long, Short, and Supershort Isoforms. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 6546-6557.	6.4	40
89	Synthesis of Some Novel Organic Nitrates and Comparative in Vitro Study of Their Vasodilator Profile. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4020-4025.	6.4	8
90	Metal-Bis(helicene) Assemblies Incorporating π -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

#	ARTICLE	IF	CITATIONS
91	Subtle chirality in oxo- and sulfidorhenium(v) complexes. <i>Chemical Communications</i> , 2009, , 4841.	4.1	21
92	3-(2-Aminophenyl)-4-methyl-1,3-thiazole-2(3H)-thione as an Ecofriendly Sulphur Transfer Agent to Prepare Alkanethiols in High Yield and High Purity. <i>Molecules</i> , 2009, 14, 4634-4643.	3.8	3
93	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
94	Synthesis of chiral primary amines: diastereoselective alkylation of N-[(1E)-alkylidene]-3,5-bis[(1S)-1-methoxyethyl]-4H-1,2,4-triazol-4-amines and N4â€“Nexocyclic bond cleavage in the resulting 1,2,4-triazol-4-alkylamines. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2682-2692.	1.8	3
95	Optically active cyclopentadienyl and indenyl ligands obtained from lactic acid esters. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 23-32.	1.8	4
96	Atropisomerism in the 2-Arylimino- <i>N</i> -(2-hydroxyphenyl)thiazoline Series:â€‰ Influence of Hydrogen Bonding on the Racemization Process. <i>Journal of Organic Chemistry</i> , 2008, 73, 403-411.	3.2	50
97	Part III: Supercritical Fluid Chromatographic Separations. <i>Separation and Purification Reviews</i> , 2008, 37, 229-301.	5.5	23
98	HPLC on chiral support with polarimetric detection: Application to conglomerate discovery. <i>Chirality</i> , 2007, 19, 497-502.	2.6	9
99	HPLC separation and VCD spectroscopy of chiral pyrazoles derived from (5R)-dihydrocarvone. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1911-1917.	1.8	11
100	Chromatographic Resolution, Solution and Crystal Phase Conformations, and Absolute Configuration of tert-Butyl(dimethylamino)phenylphosphineâˆ’Borane Complex. <i>Journal of Organic Chemistry</i> , 2006, 71, 5586-5593.	3.2	16
101	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
102	Enantioselective cyanosilylation of aldehydes catalysed by a diastereomeric mixture of atropisomeric thioureas. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 999-1006.	1.8	28
103	Synthesis, chiral HPLC resolution and configuration assignment of 1-phenylglyceryl trinitrate stereoisomers. <i>Chirality</i> , 2006, 18, 430-436.	2.6	6
104	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
105	Non-racemic atropisomeric (thio)ureas as neutral enantioselective anion receptors for amino-acid derivatives: Origin of smaller <i>K_{ass}</i> with thiourea than urea derivatives. <i>Chirality</i> , 2006, 18, 762-771.	2.6	36
106	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
107	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
108	Synthesis and absolute configuration assignment of 5-amino-1,3,5-triphenyl-pentane-1,3-diol stereoisomers. <i>Chirality</i> , 2005, 17, 63-72.	2.6	7

#	ARTICLE	IF	CITATIONS
109	Data mining and enantioselective studies on chiral stationary phases used in HPLC separation. <i>Chirality</i> , 2005, 17, S74-S83.	2.6	27
110	Structural Characterization of Artificial Self-Assembling Porphyrins That Mimic the Natural Chlorosomal Bacteriochlorophylls, d, and e. <i>Chemistry - A European Journal</i> , 2005, 11, 2267-2275.	3.3	80
111	Some aspects of chiral separations in planar chromatography compared with HPLC. <i>Journal of Planar Chromatography - Modern TLC</i> , 2005, 18, 5-12.	1.2	9
112	New Route to 3-Alkylthiazolo[3,2-a]benzimidazole Derivatives. <i>Molecules</i> , 2005, 10, 327-333.	3.8	12
113	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
114	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
115	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
116	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
117	Theoretical study of the intramolecular CH/π interaction effect on rotation energy barriers in 1-pentene, 2,2-dimethyl-2-biphenyl and some amino and nitro derivatives. <i>Computational and Theoretical Chemistry</i> , 2004, 680, 169-180.	1.5	8
118	Correction to Withdrawn Article [3,4] Cyclization Products of α -Oxo- β , γ -unsaturated Ketoxime During Reaction with Hydrochloric Acid in Anhydrous Diethyl Ether. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1789-1795.	2.4	4
119	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 2190-2194.	2.0	45
120	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
121	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
122	Contribution of chiral HPLC in tandem with polarimetric detection in the determination of absolute configuration by chemical interconversion method: Example in 1-(thio)oxothiazolanyl-3-(thio)oxothiazolanyl toluene atropisomer series. <i>Chirality</i> , 2002, 14, 665-673.	2.6	14
123	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
124	Reviewing mobile phases used on Chiralcel OD through an application of data mining tools to CHIRBASE database. <i>Journal of Chromatography A</i> , 2001, 906, 443-458.	3.7	41
125	Bis[oxo/thioxothiazolanyl] Aromatic Compounds - Synthesis and Conformational Assignment. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 1081-1090.	2.4	10
126	Bis[oxo/thioxothiazolanyl] Aromatic Compounds - Stereochemical Aspects. <i>Heterocycles</i> , 2000, 53, 1669.	0.7	4

#	ARTICLE	IF	CITATIONS
127	Resolution of some 4-benzofurazanyl and 4-benzofuroxanyl 1,4-dihydropyridine derivatives by chiral HPLC on Whelk-o1 and some polysaccharide chiral stationary phases. , 1999, 11, 602-608.		6
128	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
129	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. Chirality, 1998, 10, 522-527.	2.6	9
130	Investigation into the chiral recognition mechanism of N-arylthiazolin-2(thi)one atropisomers on Chiralcel OJ by factorial design and lipophilicity approaches. Journal of Chromatography A, 1997, 761, 129-138.	3.7	24
131	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
132	Synthesis of Î±-toluenesulfinic esters of cellulose and Î²-cyclodextrin. Carbohydrate Research, 1996, 282, 307-313.	2.3	5
133	Influence of Substituents on the Rotational Energy Barrier of Axially Chiral Biphenyls, II. Liebigs Annalen, 1996, 1996, 357-363.	0.8	21
134	Chirbase : A Database Utilizing a Molecular Recognition Approach for Selection of a Chiral Chromatographic System. Data and Knowledge in A Changing World, 1996, , 245-250.	0.1	0
135	Influence of substituents on the rotational energy barrier of atropisomeric biphenyls " studies by polarimetry and dynamic gas chromatography. Liebigs Annalen, 1995, 1995, 781-786.	0.8	78
136	Conversion of a racemate into a single enantiomer in one step by chiral liquid chromatography: Studies with rac-2,2'-diiodobiphenyl. Chirality, 1995, 7, 610-611.	2.6	20
137	Cationic Î²-cyclodextrin: a new versatile chiral additive for separation of drug enantiomers by high-performance liquid chromatography. Journal of Chromatography A, 1995, 704, 67-74.	3.7	47
138	Preparation of homochiral 9-anthryl-tert-butylcarbinol. The configurational and conformational NMR study of its carbamate derivatives. Tetrahedron: Asymmetry, 1995, 6, 1307-1310.	1.8	9
139	CHIRBASE, a molecular database for the separation of enantiomers by chromatography. Journal of Chromatography A, 1994, 666, 557-563.	3.7	46
140	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. Chirality, 1994, 6, 251-260.	2.6	28
141	Separation of N-arylthiazoline-2-(thi)-one atropisomers on p-methylbenzoyl cellulose beads: A factorial design approach. Chirality, 1993, 5, 207-212.	2.6	15
142	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
143	Î²-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
144	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. Tetrahedron: Asymmetry, 1990, 1, 65-86.	1.8	53

#	ARTICLE	IF	CITATIONS
145	Example of the concentration dependence of elution order in the resolution of enantiomers on microcrystalline triacetylcellulose chiral stationary phase. <i>Journal of Chromatography A</i> , 1989, 462, 95-103.	3.7	34
146	One-pot synthesis of 3-chloro-1,1,2-trimethylindenes from trifluoromethanesulfonic acid-catalyzed benzoylation of 2-methyl-2-butene. <i>Journal of Organic Chemistry</i> , 1988, 53, 683-685.	3.2	7
147	The Quantitative Analysis of Steric Effects in Heteroaromatics. <i>Advances in Heterocyclic Chemistry</i> , 1988, 43, 173-299.	1.7	63
148	Studies on amphiprotic compounds. 3. Hydrogen-bonding basicity of oxygen and sulfur compounds. <i>Journal of Organic Chemistry</i> , 1988, 53, 1545-1550.	3.2	37
149	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
150	Isolation of a substituted benzyltoluene from trifluoromethanesulphonic acid catalysed acylation of methylcyclohexene. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 1315.	2.0	1
151	Regioselective synthesis of 1-alkyl-3,6,8-trimethyl-2,7-naphthyridines. <i>Journal of Organic Chemistry</i> , 1987, 52, 2935-2937.	3.2	8
152	Chiral Rotamers of N-(1-Indanyl)-pyridinium Salts and their Restricted Rotation Around the C(sp ³)-N(sp ²) Single Bond. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1985, 40, 1555-1557.	0.7	4
153	Conformational analysis of trigonal and planar rotors attached to ¹⁴ N-azoline-2-thiones. The effect of ring geometry. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1985, , 273-277.	0.9	20
154	Steric interplay between alkyl groups bonded to planar frameworks. <i>Accounts of Chemical Research</i> , 1985, 18, 80-86.	15.6	74
155	Tetraacylation of isobutene: first synthesis of 1,3,6,8-tetramethyl-2,7-naphthyridine. <i>Tetrahedron Letters</i> , 1984, 25, 515-518.	1.4	14
156	Gear effect. 10. <i>Tetrahedron</i> , 1983, 39, 4209-4219.	1.9	27
157	A DNMR study of isomeric phenols obtained by ring-opening, ring-closure of 3-isopropyl-2,4,6-trimethylpyrylium salts: an approach to the regioselectivity of the ring-closure. <i>Tetrahedron Letters</i> , 1983, 24, 2259-2262.	1.4	4
158	Dynamic stereochemistry at sp ² /sp ³ bonds part I - the use of heterocyclic models for quantitative studies of steric effects of alkyl groups. <i>Magnetic Resonance in Chemistry</i> , 1980, 14, 120-124.	0.7	6
159	Dynamic stereochemistry at sp ² /sp ³ bonds part II - the importance of ground-state strain in the determination of apparent spatial requirements of substituents. <i>Magnetic Resonance in Chemistry</i> , 1980, 14, 166-170.	0.7	11
160	Effet d'engrenage. VIII. Extension Å des d'acides fonctionnels de l'alanine. <i>Canadian Journal of Chemistry</i> , 1980, 58, 2212-2220.	1.1	7
161	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
162	Hydrogen bonding abilities and self-association of thiazolidinones and imidazolidinones and selenones. <i>Journal of Heterocyclic Chemistry</i> , 1979, 16, 1083-1084.	2.6	7

#	ARTICLE	IF	CITATIONS
163	Pyrylium salts from Friedel-Crafts acetylation of isoparaffins. Journal of Organic Chemistry, 1979, 44, 2972-2976.	3.2	9
164	Angular versus linear transition state in nucleophilic reactions of thioketones. Journal of the Chemical Society Perkin Transactions II, 1977, , 1169.	0.9	4
165	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
166	Steric and electronic effects on self-association of potentially bifunctional catalysts: β -4-thiazoline-2-thiones. Journal of the Chemical Society Perkin Transactions II, 1976, , 565-569.	0.9	7
167	Hindered internal rotation in 3,4-di-isopropyl- β -4-thiazoline-2-thione from temperature-dependent nuclear magnetic resonance spectra of five different groups of protons: a methodological study. Journal of the Chemical Society Perkin Transactions II, 1975, , 1690-1694.	0.9	10
168	Use of steric effects in determining the position of the transition state for the SN2 reaction between methyl iodide and β -4-thiazoline-2-thiones. Journal of the Chemical Society Perkin Transactions II, 1974, , 1304-1306.	0.9	10
169	CHIRBASE: Database Current Status and Derived Research Applications Using Molecular Similarity, Decision Tree and 3D α -Enantiophore-Search. , 0, , 95-125.		7