

Christian Roussel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

172
papers

4,604
citations

37
h-index

59
g-index

187
ext. papers

5,015
ext. citations

5.7
avg, IF

5.16
L-index

#	Paper	IF	Citations
172	On the Enantioselective Phosphoric-Acid-Catalyzed Hantzsch Synthesis of Polyhydroquinolines. <i>Organic Letters</i> , 2021 , 23, 3394-3398	6.2	4
171	Slight structural modulation around a pivotal bond: high impact on enantiomeric stability. <i>New Journal of Chemistry</i> , 2021 , 45, 16039-16047	3.6	
170	Detection of Isotopic Atropisomerism Based on -H/D Discrimination. <i>Organic Letters</i> , 2021 , 23, 7492-7496.2		0
169	Relayed Proton Brake in -Pyridyl-2--propylaniline Derivative: Two Brakes with One Proton. <i>Journal of Organic Chemistry</i> , 2020 , 85, 5109-5113	4.2	4
168	Regiospecific Synthesis and Structural Studies of 3,5-Dihydro-4-pyrido[2,3-][1,4]diazepin-4-ones and Comparison with 1,3-Dihydro-2-benzo[[1,4]diazepin-2-ones. <i>ACS Omega</i> , 2020 , 5, 25408-25422	3.9	5
167	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	2.1	3
166	Effect of substituents on the configurational stability of the stereogenic nitrogen in metal(II) complexes of amino acid Schiff bases. <i>Chirality</i> , 2019 , 31, 401-409	2.1	4
165	N-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	4.2	10
164	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	3.4	12
163	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	3.6	1
162	N-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	4.8	16
161	Axially chiral Ni(II) complexes of amino acids: Separation of enantiomers and kinetics of racemization. <i>Chirality</i> , 2018 , 30, 498-508	2.1	4
160	Atropisomerism in a 10-Membered Ring with Multiple Chirality Axes: (3 Z,9 Z)-1,2,5,8-Dithiadiazecine-6,7(5 H,8 H)-dione Series. <i>Journal of Organic Chemistry</i> , 2018 , 83, 7566-7573	4.2	3
159	An oxorhenium complex bearing a chiral cyclohexane-1-olato-2-thiolato ligand: Synthesis, stereochemistry, and theoretical study of parity violation vibrational frequency shifts. <i>Chirality</i> , 2018 , 30, 147-156	2.1	5
158	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	16.4	139
157	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	2.1	8
156	Steric Scale of Common Substituents from Rotational Barriers of N-(o-Substituted aryl)thiazoline-2-thione Atropisomers. <i>Journal of Organic Chemistry</i> , 2017 , 82, 10188-10200	4.2	34

155	Electronic and chiroptical properties of chiral cycloiridiated complexes bearing helicenic NHC ligands. <i>Chemical Communications</i> , 2016 , 52, 9243-6	5.8	22
154	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		13
153	Synthesis and Structural Properties of Aza[n]helicene Platinum Complexes: Control of Cis and Trans Stereochemistry. <i>Inorganic Chemistry</i> , 2016 , 55, 2009-17	5.1	9
152	Analysis of the major chiral compounds of Artemisia herba-alba 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, 121-30	6.6	11
151	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	0.6	1
150	Mining Chromatographic Enantioseparation Data Using Matched Molecular Pair Analysis. <i>Molecules</i> , 2016 , 21,	4.8	7
149	Combining Organocatalysis with Central-to-Axial Chirality Conversion: Atroposelective Hantzsch-Type Synthesis of 4-Arylpyridines. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 1401-5	16.4	115
148	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, 6075-86	4.8	14
147	Combining Organocatalysis with Central-to-Axial Chirality Conversion: Atroposelective Hantzsch-Type Synthesis of 4-Arylpyridines. <i>Angewandte Chemie</i> , 2016 , 128, 1423-1427	3.6	54
146	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	4.5	24
145	Artemisia arborescens Essential Oil Composition, Enantiomeric Distribution, and Antimicrobial Activity from Different Wild Populations from the Mediterranean Area. <i>Chemistry and Biodiversity</i> , 2016 , 13, 1095-102	2.5	14
144	Access to N-thioalkenyl and N-(o-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, 3233-41	4.2	6
143	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		3
142	Relationship between rotational barriers and structures in N π axially chiral 3,4-dihydroquinolin-2-one and 3,4-dihydrobenzoquinolin-2-one. <i>Tetrahedron Letters</i> , 2015 , 56, 132-135	2	10
141	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, 1673-81	4.8	126
140	A forgotten chiral spiro compound revisited: 3,3'-dimethyl-3H,3'H-2,2'-spirobi[[1,3]benzothiazole]. <i>Chirality</i> , 2015 , 27, 716-21	2.1	1
139	Ruthenium-Grafted Vinylhelicenes: Chiroptical Properties and Redox Switching. <i>Chemistry - A European Journal</i> , 2015 , 21, 17100-15	4.8	38
138	Atropisomerism in amidinoquinoxaline N-oxides: effect of the ring size and substituents on the enantiomerization barriers. <i>Journal of Organic Chemistry</i> , 2015 , 80, 1689-95	4.2	12

137	enantio-Enriched CPL-active helicene-bipyridine-rhenium complexes. <i>Chemical Communications</i> , 2015 , 51, 3754-7	5.8	70
136	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, 1278-91	3.9	32
135	Synthesis and chiral recognition ability of helical polyacetylenes bearing helicene pendants. <i>Polymer Chemistry</i> , 2014 , 5, 4909	4.9	77
134	Static and dynamic properties of 1,1'-bi-2-naphthol and its conjugated acids and bases. <i>Chemistry - A European Journal</i> , 2014 , 20, 14816-25	4.8	9
133	Helicene-grafted vinyl- and carbene-osmium complexes: an example of acid-base chiroptical switching. <i>Chemical Communications</i> , 2014 , 50, 2854-6	5.8	33
132	Aza[6]helicene platinum complexes: chirality control of cis-trans isomerism. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5786-90	16.4	26
131	Straightforward access to mono- and bis-cycloplatinated helicenes that display circularly polarized phosphorescence using crystallization resolution methods. <i>Chemical Science</i> , 2014 , 5, 1915-1927	9.4	99
130	Aza[6]helicene Platinum Complexes: Chirality Control of cis/trans Isomerism. <i>Angewandte Chemie</i> , 2014 , 126, 5896-5900	3.6	9
129	Ethylenedithio-tetrathiafulvalene-helicenes: electroactive helical precursors with switchable chiroptical properties. <i>Chemistry - A European Journal</i> , 2013 , 19, 13160-7	4.8	63
128	Chiroptical detectors for the study of unusual phenomena in chiral chromatography. <i>Topics in Current Chemistry</i> , 2013 , 340, 107-51		10
127	Chiroptical properties of carbo[6]helicene derivatives bearing extended π -conjugated cyano substituents. <i>Chirality</i> , 2013 , 25, 455-65	2.1	31
126	Axial-to-central chirality transfer in cyclization processes. <i>Chemical Society Reviews</i> , 2013 , 42, 8434-66	58.5	106
125	Cellulose chiral induction during the synthesis of cellulose N-phthaloyl-amino acid esters. <i>Cellulose</i> , 2013 , 20, 2057-2067	5.5	0
124	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, 1711-9	3.4	28
123	Assembly of helicene-capped N,P,N,P,N-helicands within Cu(I) helicates: impacting chiroptical properties by ligand-ligand charge transfer. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1968-72	16.4	37
122	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	2.4	3
121	Attempts to separate (-)- β -hujone, (+)- β -hujone epimers from camphor enantiomers by enantioselective HPLC with polarimetric detection. <i>Journal of Separation Science</i> , 2013 , 36, 832-9	3.4	14
120	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. <i>Journal of Organic Chemistry</i> , 2013 , 78, 12577-84	4.2	9

119	Diastereo- and enantioselective synthesis of organometallic bis(helicene)s by a combination of C-H activation and dynamic isomerization. <i>Chemistry - A European Journal</i> , 2013 , 19, 16722-8	4.8	27
118	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, 153-62	5.6	2
117	Assembly of Helicene-Capped N,P,N,P,N-Helicands within CuI Helicates: Impacting Chiroptical Properties by Ligand-Ligand Charge Transfer. <i>Angewandte Chemie</i> , 2013 , 125, 2022-2026	3.6	16
116	Nanosopic imaging of meso-tetraalkylporphyrins prepared in high yields enabled by Montmorillonite K10 and 3A molecular sieves. <i>Chemistry - A European Journal</i> , 2013 , 19, 11293-300	4.8	17
115	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, o247-52		3
114	Chiral enantiopure bis(thio)ureas derived from TADDOL and their carboxylate complexation capacity. <i>Open Chemistry</i> , 2012 , 10, 1066-1072	1.6	2
113	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	4.5	21
112	Atropisomeric Chiral Probes to Study the Supramolecular Organization in Porphyrin Self-Assemblies. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, n/a-n/a	3.2	1
111	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, 944-54	16.4	50
110	Asymmetric 4-aryl-1,4-dihydropyridines potentiate mutant cystic fibrosis transmembrane conductance regulator (CFTR). <i>ChemMedChem</i> , 2012 , 7, 1799-807	3.7	3
109	Atropisomerism and Axial Chirality in Heteroaromatic Compounds. <i>Advances in Heterocyclic Chemistry</i> , 2012 , 1-188	2.4	78
108	Rhenium complexes bearing phosphole-pyridine chelates: simple molecules with large chiroptical properties. <i>Chemical Communications</i> , 2012 , 48, 6705-7	5.8	8
107	Self-disproportionation of enantiomers via achiral chromatography: a warning and an extra dimension in optical purifications. <i>Chemical Society Reviews</i> , 2012 , 41, 4180-8	58.5	130
106	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, 15628-31	16.4	108
105	Resolution and absolute configuration of some α -aminoacetals: en route to enantiopure N-protected α -aminoaldehydes. <i>Amino Acids</i> , 2012 , 43, 687-96	3.5	2
104	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, 3800-3	16.4	75
103	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		10
102	Rates of enantiomerization in axially chiral 2,2'-bipyridines with restricted rotation: an ab initio study. <i>Tetrahedron: Asymmetry</i> , 2011 , 22, 1180-1183		7

101	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, 14178-14188	4.8	56
100	Geometric enantiomerism in cyclic compounds: chiral dibrominated 1,3-dioxanes. <i>Chirality</i> , 2011 , 23, 167-71	2.1	2
99	Inherently chiral phosphonatocavitands as artificial chemo- and enantio-selective receptors of natural ammoniums. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 5086-91	3.9	24
98	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		21
97	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	3.4	2
96	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, 669-81	2.3	21
95	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, 8792-803	3.6	18
94	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, 10477-83	16.4	39
93	Metallahelicenes: Easily Accessible Helicene Derivatives with Large and Tunable Chiroptical Properties. <i>Angewandte Chemie</i> , 2010 , 122, 103-106	3.6	40
92	Metallahelicenes: easily accessible helicene derivatives with large and tunable chiroptical properties. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 99-102	16.4	126
91	Selective preparation of 3,4,5-trinitro-1H-pyrazole: a stable all-carbon-nitrated arene. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3177-81	16.4	154
90	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	2.4	3
89	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		23
88	Systematic evaluation of new chiral stationary phases for supercritical fluid chromatography using a standard racemate library. <i>Journal of Chromatography A</i> , 2010 , 1217, 1134-8	4.5	49
87	Synthesis, chiral separation, and absolute configuration of bis-(N-aryl) atropisomeric triads: 1,2-bis-[4-methyl-2-(thio)oxo-2,3-dihydrothiazol-3-yl]-benzene. <i>Chirality</i> , 2009 , 21, 160-6	2.1	6
86	Metal catalyst-free amination of meso-bromoporphyrins: an entry to supramolecular porphyrinoid frameworks. <i>Tetrahedron</i> , 2009 , 65, 3733-3739	2.4	36
85	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, 14480-92	16.4	29
84	Synthesis, structural analysis, and chiral investigations of some atropisomers with EE-tetrahalogeno-1,3-butadiene core. <i>Journal of Organic Chemistry</i> , 2009 , 74, 9062-70	4.2	24

83	New selective phosphodiesterase 4D inhibitors differently acting on long, short, and supershort isoforms. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 6546-57	8.3	37
82	Synthesis of some novel organic nitrates and comparative in vitro study of their vasodilator profile. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 4020-5	8.3	4
81	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, 3183-5	16.4	120
80	Subtle chirality in oxo- and sulfidorhenium(v) complexes. <i>Chemical Communications</i> , 2009 , 4841-3	5.8	20
79	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, 4634-43	4.8	3
78	Part III: Supercritical Fluid Chromatographic Separations. <i>Separation and Purification Reviews</i> , 2008 , 37, 229-301	7.3	23
77	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, 839-47	3.5	27
76	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 N4-exocyclic bond cleavage in the resulting 1,2,4-triazol-4-alkylamines. <i>Tetrahedron: Asymmetry</i> , 2008 , 19, 2682-2692		3
75	Optically active cyclopentadienyl and indenyl ligands obtained from lactic acid esters. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 23-32	2.3	3
74	Atropisomerism in the 2-arylimino-N-(2-hydroxyphenyl)thiazoline series: influence of hydrogen bonding on the racemization process. <i>Journal of Organic Chemistry</i> , 2008 , 73, 403-11	4.2	43
73	HPLC on chiral support with polarimetric detection: application to conglomerate discovery. <i>Chirality</i> , 2007 , 19, 497-502	2.1	9
72	HPLC separation and VCD spectroscopy of chiral pyrazoles derived from (5R)-dihydrocarvone. <i>Tetrahedron: Asymmetry</i> , 2007 , 18, 1911-1917		10
71	Synthesis, chiral HPLC resolution and configuration assignment of 1-phenylglyceryl trinitrate stereomers. <i>Chirality</i> , 2006 , 18, 430-6	2.1	6
70	Enantiophore modeling in 3D-QSAR. A data mining application on Whelk-O1 chiral stationary phase. <i>Chirality</i> , 2006 , 18, 498-508	2.1	21
69	Non-racemic atropisomeric (thio)ureas as neutral enantioselective anion receptors for amino-acid derivatives: origin of smaller Kass with thiourea than urea derivatives. <i>Chirality</i> , 2006 , 18, 762-71	2.1	34
68	Influence of Substituents on the Rotational Energy Barrier of Axially Chiral Biphenyls, II. <i>Liebigs Annalen</i> , 2006 , 1996, 357-363		13
67	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, 5586-93	4.2	13
66	Synthesis and vibrational circular dichroism of enantiopure chiral oxorhenium(V) complexes containing the hydrotris(1-pyrazolyl)borate ligand. <i>Inorganic Chemistry</i> , 2006 , 45, 10230-9	5.1	28

65	Enantioselective cyanosilylation of aldehydes catalysed by a diastereomeric mixture of atropisomeric thioureas. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 999-1006		24
64	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, 203-8	4.5	14
63	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, 434-8	1.7	15
62	Synthesis and absolute configuration assignment of 5-amino-1,3,5-triphenyl-pentane-1,3-diol stereoisomers. <i>Chirality</i> , 2005 , 17, 63-72	2.1	7
61	Data mining and enantiophore studies on chiral stationary phases used in HPLC separation. <i>Chirality</i> , 2005 , 17 Suppl, S74-83	2.1	25
60	Structural characterization of artificial self-assembling porphyrins that mimic the natural chlorosomal bacteriochlorophylls c, d, and e. <i>Chemistry - A European Journal</i> , 2005 , 11, 2267-75	4.8	79
59	Some aspects of chiral separations in planar chromatography compared with HPLC. <i>Journal of Planar Chromatography - Modern TLC</i> , 2005 , 18, 5-12	0.9	9
58	New route to 3-alkylthiazolo[3,2-a]benzimidazole derivatives. <i>Molecules</i> , 2005 , 10, 327-33	4.8	11
57	New 1,4-dihydropyridines endowed with NO-donor and calcium channel agonist properties. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 2688-93	8.3	38
56	Green Self-Assembling Porphyrins and Chlorins as Mimics of the Natural Bacteriochlorophylls c, d, and e. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 3919-3930	3.2	48
55	Theoretical reassessment of Whelk-O1 as an enantioselective receptor for 1-(4-halogeno-phenyl)-1-ethylamine derivatives. <i>Chirality</i> , 2004 , 16 Suppl, S1-11	2.1	50
54	Chiral liquid chromatography contribution to the determination of the absolute configuration of enantiomers. <i>Journal of Chromatography A</i> , 2004 , 1037, 311-28	4.5	107
53	Theoretical study of the intramolecular CH/π interaction effect on rotation energy barriers in 1-pentene, 2,2'-diisopropyl biphenyl and some amino and nitro derivatives. <i>Computational and Theoretical Chemistry</i> , 2004 , 680, 169-180		8
52	Correction to Withdrawn Article[3,4] Cyclization Products of α,β-Unsaturated Ketoxime During Reaction with Hydrochloric Acid in Anhydrous Diethyl Ether. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 1789-1795	3.2	4
51	Controlling Chirality and Optical Properties of Artificial Antenna Systems with Self-Assembling Porphyrins. <i>Angewandte Chemie</i> , 2003 , 115, 2190-2194	3.6	37
50	Controlling chirality and optical properties of artificial antenna systems with self-assembling porphyrins. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 2140-4	16.4	126
49	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	4.5	52
48	Contribution of chiral HPLC in tandem with polarimetric detection in the determination of absolute configuration by chemical interconversion method: Example in 1-(thi)oxothiazolanyl-3-(thi)oxothiazolanyl toluene atropisomer series. <i>Chirality</i> , 2002 , 14, 665-73	2.1	14

47	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	2.1	22
46	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, 443-58	4.5	35
45	Bis[oxo/thioxothiazoliny] Aromatic Compounds - Synthesis and Conformational Assignment. <i>European Journal of Organic Chemistry</i> , 2000 , 2000, 1081-1090	3.2	8
44	Bis[oxo/thioxothiazoliny] Aromatic Compounds [Stereochemical Aspects. <i>Heterocycles</i> , 2000 , 53, 1669	0.8	3
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