

Nicolas Vanthuyne

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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.

250
papers

5,585
citations

39
h-index

61
g-index

292
ext. papers

6,637
ext. citations

6
avg, IF

5.58
L-index

#	Paper	IF	Citations
250	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
249	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
248	Metallahelicenes: easily accessible helicene derivatives with large and tunable chiroptical properties. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 99-102	16.4	126
247	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
246	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
245	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
244	Enantiopure Cycloiridiated Complexes Bearing a Pentahelicenic N-Heterocyclic Carbene and Displaying Long-Lived Circularly Polarized Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8236-8239	16.4	110
243	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
242	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
241	Chiral Nanographene Propeller Embedding Six Enantiomerically Stable [5]Helicene Units. <i>Journal of the American Chemical Society</i> , 2017 , 139, 18508-18511	16.4	104
240	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
239	Exciton coupling in diketopyrrolopyrrole-helicene derivatives leads to red and near-infrared circularly polarized luminescence. <i>Chemical Science</i> , 2018 , 9, 735-742	9.4	82
238	Dynamic kinetic resolution of amines involving biocatalysis and in situ free radical mediated racemization. <i>Organic Letters</i> , 2007 , 9, 837-9	6.2	81
237	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
236	Atropisomerism and Axial Chirality in Heteroaromatic Compounds. <i>Advances in Heterocyclic Chemistry</i> , 2012 , 1-188	2.4	78
235	Synthesis and chiral recognition ability of helical polyacetylenes bearing helicene pendants. <i>Polymer Chemistry</i> , 2014 , 5, 4909	4.9	77
234	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

233	enantio-Enriched CPL-active helicene-bipyridine-rhenium complexes. <i>Chemical Communications</i> , 2015 , 51, 3754-7	5.8	70
232	Conformational changes and chiroptical switching of enantiopure bis-helicenic terpyridine upon Zn(2+) binding. <i>Chemical Communications</i> , 2016 , 52, 5932-5	5.8	69
231	Synthesis and Chiroptical Properties of Hexa-, Octa-, and Deca-azaborahelicenes: Influence of Helicene Size and of the Number of Boron Atoms. <i>Chemistry - A European Journal</i> , 2017 , 23, 407-418	4.8	68
230	Ethylenedithio-tetrathiafulvalene-helicenes: electroactive helical precursors with switchable chiroptical properties. <i>Chemistry - A European Journal</i> , 2013 , 19, 13160-7	4.8	63
229	Chirality in dynamic supramolecular nanotubes induced by a chiral solvent. <i>Chemistry - A European Journal</i> , 2010 , 16, 173-7	4.8	61
228	Thiyl radical mediated racemization of nonactivated aliphatic amines. <i>Journal of Organic Chemistry</i> , 2006 , 71, 7288-92	4.2	58
227	Dialkylzinc mediated radical additions to chiral N-enoyloxazolidinones in the presence of benzaldehyde. Mechanistic investigation, structural characterization of the resulting lactones. <i>Tetrahedron</i> , 2005 , 61, 4261-4274	2.4	58
226	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, 14178-98	4.8	56
225	Highly selective enzymatic kinetic resolution of primary amines at 80 degrees C: a comparative study of carboxylic acids and their ethyl esters as acyl donors. <i>Journal of Organic Chemistry</i> , 2007 , 72, 6918-23	4.2	56
224	Iron Alkynyl Helicenes: Redox-Triggered Chiroptical Tuning in the IR and Near-IR Spectral Regions and Suitable for Telecommunications Applications. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8062-6	16.4	55
223	Unsaturated diesters: radical acceptors in dialkylzinc-mediated tandem radical addition/aldol condensation. A straightforward synthesis of rac-nephrosteranic acid. <i>Tetrahedron</i> , 2007 , 63, 77-85	2.4	55
222	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
221	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
220	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
219	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
218	Artificial Chiral Metallo-pockets Including a Single Metal Serving as Structural Probe and Catalytic Center. <i>CheM</i> , 2017 , 3, 174-191	16.2	45
217	Chemoenzymatic dynamic kinetic resolution of primary amines catalyzed by CAL-B at 38-40 °C. <i>Journal of Organic Chemistry</i> , 2011 , 76, 7281-6	4.2	45
216	H-adamantylphosphinates as universal precursors of P-stereogenic compounds. <i>Journal of Organic Chemistry</i> , 2015 , 80, 4132-41	4.2	44

215	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
214	Metallahelicenes: Easily Accessible Helicene Derivatives with Large and Tunable Chiroptical Properties. <i>Angewandte Chemie</i> , 2010 , 122, 103-106	3.6	40
213	Modulation of circularly polarized luminescence through excited-state symmetry breaking and interbranched exciton coupling in helical push-pull organic systems. <i>Chemical Science</i> , 2020 , 11, 567-576	9.4	40
212	Triplet state CPL active helicene-dithiolene platinum bipyridine complexes. <i>Chemical Communications</i> , 2017 , 53, 9210-9213	5.8	39
211	Memory of chirality in cascade rearrangements of enediynes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 14742-4	16.4	39
210	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
209	En route to (S)-selective chemoenzymatic dynamic kinetic resolution of aliphatic amines. One-pot KR/racemization/KR sequence leading to (S)-amides. <i>Journal of Organic Chemistry</i> , 2009 , 74, 2901-3	4.2	39
208	Ruthenium-Grafted Vinylhelicenes: Chiroptical Properties and Redox Switching. <i>Chemistry - A European Journal</i> , 2015 , 21, 17100-15	4.8	38
207	Copper Carbenoid, Reactant and Catalyst for One-Pot Diazo Ester Coupling Cascade Rearrangement of Enediynes: Formation of Two Contiguous Tetrasubstituted Stereocenters. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 1987-2000	5.6	38
206	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
205	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
204	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
203	Enantiopure Cycloiridiated Complexes Bearing a Pentahelicenic N-Heterocyclic Carbene and Displaying Long-Lived Circularly Polarized Phosphorescence. <i>Angewandte Chemie</i> , 2017 , 129, 8348-8351	3.6	35
202	Revisiting the assembly of amino ester-based benzene-1,3,5-tricarboxamides: chiral rods in solution. <i>Chemical Communications</i> , 2015 , 51, 7397-400	5.8	34
201	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
200	One-pot Crabtree homologation-radical cascade cyclisation with memory of chirality. <i>Chemical Communications</i> , 2012 , 48, 2549-51	5.8	34
199	Novel chromatographic resolution of chiral diacylglycerols and analysis of the stereoselective hydrolysis of triacylglycerols by lipases. <i>Analytical Biochemistry</i> , 2008 , 375, 196-208	3.1	34
198	Non-racemic atropisomeric (thio)ureas as neutral enantioselective anion receptors for amino-acid derivatives: origin of smaller K _{ass} with thiourea than urea derivatives. <i>Chirality</i> , 2006 , 18, 762-71	2.1	34

197	Stereoselective Syntheses, Structures, and Properties of Extremely Distorted Chiral Nanographenes Embedding Hextuple Helicenes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3264-3271	16.4	34
196	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
195	Persistent mixed-valence [(TTF) ₂] ⁺ dyad of a chiral bis(binaphthol)-tetrathiafulvalene (TTF) derivative. <i>Chemistry - A European Journal</i> , 2010 , 16, 8020-8	4.8	33
194	Tuning the nature and stability of self-assemblies formed by ester benzene 1,3,5-tricarboxamides: the crucial role played by the substituents. <i>Soft Matter</i> , 2016 , 12, 7824-7838	3.6	32
193	Double transfer of chirality in organocopper-mediated bis(alkylating) cycloisomerization of enediynes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3227-31	16.4	31
192	Chiroptical properties of carbo[6]helicene derivatives bearing extended π -conjugated cyano substituents. <i>Chirality</i> , 2013 , 25, 455-65	2.1	31
191	Triggering Emission with the Helical Turn in Thiadiazole-Helicenes. <i>Chemistry - A European Journal</i> , 2017 , 23, 437-446	4.8	31
190	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
189	Highly efficient photochemically induced thiyl radical-mediated racemization of aliphatic amines at 30 degrees C. <i>Journal of Organic Chemistry</i> , 2008 , 73, 364-8	4.2	29
188	Thiyl Radical Mediated Racemization of Benzylic Amines. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 3242-3250	3.2	29
187	Bis-4-aza[6]helicene: A Bis-helicenic 2,2PBipyridine with Chemically Triggered Chiroptical Switching Activity. <i>Journal of Organic Chemistry</i> , 2019 , 84, 5383-5393	4.2	28
186	Long-Lived Circularly Polarized Phosphorescence in Helicene-NHC Rhenium(I) Complexes: The Influence of Helicene, Halogen, and Stereochemistry on Emission Properties. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8394-8400	16.4	28
185	Visible Light Chiral Photoinitiator for Radical Polymerization and Synthesis of Polymeric Films with Strong Chiroptical Activity. <i>Macromolecules</i> , 2018 , 51, 5628-5637	5.5	28
184	Switching from (R)- to (S)-selective chemoenzymatic DKR of amines involving sulfanyl radical-mediated racemization. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 4165-8	3.9	28
183	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
182	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
181	Synthesis, Chiral Separation, Barrier to Rotation and Absolute Configuration of N-(O-Functionalized-Aryl)-4-Alkyl-Thiazolin-2-One and Thiazoline-2-Thione Atropisomers. <i>Letters in Organic Chemistry</i> , 2005 , 2, 433-443	0.6	27
180	Aza[6]helicene platinum complexes: chirality control of cis-trans isomerism. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5786-90	16.4	26

179	Two-photon absorption and two-photon circular dichroism of hexahelicene derivatives: a study of the effect of the nature of intramolecular charge transfer. <i>RSC Advances</i> , 2015 , 5, 17429-17437	3.7	26
178	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
177	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
176	Enantioselective cyanosilylation of aldehydes catalysed by a diastereomeric mixture of atropisomeric thioureas. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 999-1006		24
175	Achieving high circularly polarized luminescence with push-pull helicenic systems: from rationalized design to top-emission CP-OLED applications. <i>Chemical Science</i> , 2021 , 12, 5522-5533	9.4	24
174	A helical naphthopyran dopant for photoresponsive cholesteric liquid crystals. <i>Chemical Communications</i> , 2016 , 53, 200-203	5.8	23
173	Mechanistic investigation of enediyne-connected amino ester rearrangement. Theoretical rationale for the exclusive preference for 1,6- or 1,5-hydrogen atom transfer depending on the substrate. A potential route to chiral naphthoazepines. <i>Journal of Organic Chemistry</i> , 2012 , 77, 2773-83	4.2	23
172	An efficient and recyclable hybrid nanocatalyst to promote enantioselective radical cascade rearrangements of enediyne. <i>Chemical Communications</i> , 2011 , 47, 5286-8	5.8	23
171	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
170	[(Cyclodextrin)HCHold(I) Complex (HCyD)AuCl: A Chiral Nanoreactor for Enantioselective and Substrate-Selective Alkoxy cyclization Reactions. <i>ACS Catalysis</i> , 2020 , 10, 5964-5972	13.1	22
169	Electronic and chiroptical properties of chiral cycloiridiated complexes bearing helicenic NHC ligands. <i>Chemical Communications</i> , 2016 , 52, 9243-6	5.8	22
168	Iron Alkynyl Helicenes: Redox-Triggered Chiroptical Tuning in the IR and Near-IR Spectral Regions and Suitable for Telecommunications Applications. <i>Angewandte Chemie</i> , 2016 , 128, 8194-8198	3.6	22
167	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
166	Chiral separation of hesperidin and naringin and its analysis in a butanol extract of <i>Launea arborescens</i> . <i>Natural Product Research</i> , 2010 , 24, 669-81	2.3	21
165	Subtle chirality in oxo- and sulfidorhenium(v) complexes. <i>Chemical Communications</i> , 2009 , 4841-3	5.8	20
164	Axially and Helically Chiral Cationic Radical Bicarbazoles: SOMO-HOMO Level Inversion and Chirality Impact on the Stability of Mono- and Diradical Cations. <i>Journal of the American Chemical Society</i> , 2020 ,	16.4	20
163	An Enantiopure Cyclometallated Iridium Complex Displaying Long-Lived Phosphorescence both in Solution and in the Solid State. <i>Helvetica Chimica Acta</i> , 2019 , 102, e1900044	2	19
162	Large-Scale Synthesis of Enantiopure Molecular Cages: Chiroptical and Recognition Properties. <i>Chemistry - A European Journal</i> , 2016 , 22, 2068-2074	4.8	19

161	Helicenes Grafted with 1,1,4,4-Tetracyanobutadiene Moieties: Helical Push-Pull Systems with Strong Electronic Circular Dichroism and Two-Photon Absorption. <i>Chemistry - A European Journal</i> , 2018 , 24, 14484-14494	4.8	19
160	(L)-(Trimethylsilyl)alanine synthesis exploiting hydroxypinanone-induced diastereoselective alkylation. <i>Amino Acids</i> , 2013 , 45, 301-7	3.5	19
159	Stereoselective Syntheses, Structures, and Properties of Extremely Distorted Chiral Nanographenes Embedding Hextuple Helicenes. <i>Angewandte Chemie</i> , 2020 , 132, 3290-3297	3.6	19
158	Merging hypervalent iodine and sulfoximine chemistry: a new electrophilic trifluoromethylation reagent. <i>Chemical Science</i> , 2019 , 10, 10516-10523	9.4	18
157	Confining Nitrogen Inversion to Yield Enantiopure Quinolino[3,2,1-k]Phenothiazine Derivatives. <i>Advanced Functional Materials</i> , 2018 , 28, 1803140	15.6	18
156	Cyclobishelicenes: Shape-Persistent Figure-Eight Aromatic Molecules with Promising Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2019 , 25, 14364-14369	4.8	18
155	A racemic and enantiopure unsymmetric diiron(III) complex with a chiral o-carborane-based pyridylalcohol ligand: combined chiroptical, magnetic, and nonlinear optical properties. <i>Chemistry - A European Journal</i> , 2014 , 20, 1081-90	4.8	18
154	Synthesis of Allenes Bearing Phosphine Oxide Groups and Investigation of Their Reactivity toward Gold Complexes. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 2213-2218	5.6	18
153	Stereospecific Synthesis of η^5 - and η^6 -Hydroxyalkyl P-Stereogenic Phosphine-Boranes and Functionalized Derivatives: Evidence of the P=O Activation in the BH ₃ -Mediated Reduction. <i>Chemistry - A European Journal</i> , 2015 , 21, 15607-21	4.8	18
152	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
151	From Prochiral N-Heterocyclic Carbenes to Optically Pure Metal Complexes: New Opportunities in Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2020 , 142, 93-98	16.4	17
150	A switchable dual organocatalytic system and the enantioselective total synthesis of the quadrane sesquiterpene suberosanone. <i>Chemical Communications</i> , 2016 , 52, 6565-8	5.8	17
149	Synthesis, Resolution, and Absolute Configuration of Chiral Tris(2-pyridylmethyl)amine-Based Hemicyptophane Molecular Cages. <i>Journal of Organic Chemistry</i> , 2017 , 82, 6082-6088	4.2	16
148	Chiroptical Properties of Cryptophane-223 and -233 Investigated by ECD, VCD, and ROA Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 8631-9	3.4	16
147	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
146	Tuning the structure of 1,3,5-benzene tricarboxamide self-assemblies through stereochemistry. <i>Chemical Communications</i> , 2016 , 52, 13369-13372	5.8	16
145	Chiroptical properties of nona- and dodecamethoxy cryptophanes. <i>Journal of Organic Chemistry</i> , 2014 , 79, 6028-36	4.2	16
144	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

143	N-acyl glycines as acyl donors in serine protease-catalyzed kinetic resolution of amines. Improvement of selectivity and reaction rate. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 3917-20	3.9	16
142	Raman optical activity of enantiopure cryptophanes. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 5211-7	3.4	15
141	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
140	Bis-phosphine allene ligand: coordination chemistry and preliminary applications in catalysis. <i>Chemical Communications</i> , 2016 , 52, 6785-8	5.8	15
139	Resolution of protected silaprolin for a gram scale preparation. <i>Amino Acids</i> , 2012 , 43, 649-55	3.5	14
138	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
137	Preparation of both enantiomers of a synthon for novel nucleoside analogs by enzymatic desymmetrization of a meso-diol with a methylene cyclopropane skeleton. <i>Tetrahedron Letters</i> , 2011 , 52, 1082-1085	2	14
136	First total synthesis and assignment of the stereochemistry of crispatenine. <i>Journal of Organic Chemistry</i> , 2007 , 72, 3770-5	4.2	14
135	Caulerpenyne-colchicine hybrid: synthesis and biological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 5540-8	3.4	14
134	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, 665-73	2.1	14
133	Use of lipase-catalyzed kinetic resolution for the enantioselective approach toward sesquiterpenes containing quaternary centers: the cuparane family. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 2413-2418		14
132	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
131	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
130	Chiral Diketopyrrolopyrrole-Helicene Polymer With Efficient Red Circularly Polarized Luminescence. <i>Frontiers in Chemistry</i> , 2020 , 8, 237	5	14
129	Synthesis of Carbo[6]helicene Derivatives Grafted with Amino or Aminoester Substituents from Enantiopure [6]Helicenyl Boronates. <i>Journal of Organic Chemistry</i> , 2018 , 83, 484-490	4.2	14
128	Chiral Atropisomeric Indenocorannulene Bowls: Critique of the Cahn-Ingold-Prelog Conception of Molecular Chirality. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6470-6474	16.4	13
127	Palladium Tandem Catalysis in the Atropodiastereoselective Synthesis of Indenes Bearing Central and Axial Chirality. <i>ACS Catalysis</i> , 2016 , 6, 1559-1564	13.1	13
126	Is Molecular Chirality Connected to Supramolecular Chirality? The Particular Case of Chiral 2-Pyridyl Alcohols. <i>Crystal Growth and Design</i> , 2015 , 15, 935-945	3.5	13

125	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
124	Absolute configuration and host-guest binding of chiral porphyrin-cages by a combined chiroptical and theoretical approach. <i>Nature Communications</i> , 2020 , 11, 4776	17.4	13
123	Simultaneous Control of Central and Helical Chiralities: Expedient Helicoselective Synthesis of Dioxo[6]helicenes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16199-16204	16.4	13
122	Chiral EDT-TTF precursors with one stereogenic centre: substituent size modulation of the conducting properties in the (R-EDT-TTF) ₂ PF ₆ (R = Me or Et) series. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 12664-12673	7.1	13
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