

Nicolas Vanthuyne

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8425364/publications.pdf>

Version: 2024-02-01

264
papers

7,493
citations

53751

45
h-index

88593

70
g-index

292
all docs

292
docs citations

292
times ranked

5830
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.6	195
2	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.	1.7	166
3	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.	7.2	150
4	Chiral Nanographene Propeller Embedding Six Enantiomerically Stable [5]Helicene Units. <i>Journal of the American Chemical Society</i> , 2017, 139, 18508-18511.	6.6	146
5	Metallahelicenes: Easily Accessible Helicene Derivatives with Large and Tunable Chiroptical Properties. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 99-102.	7.2	144
6	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.	7.2	143
7	Controlling Chirality and Optical Properties of Artificial Antenna Systems with Self-Assembling Porphyrins. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2140-2144.	7.2	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.	3.7	140
9	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.	6.6	127
10	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.	6.6	126
11	Exciton coupling in diketopyrrolopyrrole-helicene derivatives leads to red and near-infrared circularly polarized luminescence. <i>Chemical Science</i> , 2018, 9, 735-742.	3.7	122
12	Chiral liquid chromatography contribution to the determination of the absolute configuration of enantiomers. <i>Journal of Chromatography A</i> , 2004, 1037, 311-328.	1.8	110
13	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.	3.7	106
14	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.	1.7	102
15	Synthesis and chiral recognition ability of helical polyacetylenes bearing helicene pendants. <i>Polymer Chemistry</i> , 2014, 5, 4909.	1.9	97
16	Dynamic Kinetic Resolution of Amines Involving Biocatalysis and in Situ Free Radical Mediated Racemization. <i>Organic Letters</i> , 2007, 9, 837-839.	2.4	93
17	enantio-Enriched CPL-active helicene-bipyridine-rhenium complexes. <i>Chemical Communications</i> , 2015, 51, 3754-3757.	2.2	91
18	Atropisomerism and Axial Chirality in Heteroaromatic Compounds. <i>Advances in Heterocyclic Chemistry</i> , 2012, , 1-188.	0.9	84

#	ARTICLE	IF	CITATIONS
19	Conformational changes and chiroptical switching of enantiopure bis-helicenic terpyridine upon Zn ²⁺ binding. <i>Chemical Communications</i> , 2016, 52, 5932-5935.	2.2	83
20	Structural Characterization of Artificial Self-Assembling Porphyrins That Mimic the Natural Chlorosomal Bacteriochlorophylls. <i>Chemistry - A European Journal</i> , 2005, 11, 2267-2275.	1.7	80
21	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.	3.7	79
22	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.	6.6	78
23	Ethylenedithio-Tetrathiafulvalene-Helicenes: Electroactive Helical Precursors with Switchable Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2013, 19, 13160-13167.	1.7	73
24	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, 8062-8066.	7.2	71
25	Triplet state CPL active helicene-dithiolen platinum bipyridine complexes. <i>Chemical Communications</i> , 2017, 53, 9210-9213.	2.2	69
26	Chirality in Dynamic Supramolecular Nanotubes Induced by a Chiral Solvent. <i>Chemistry - A European Journal</i> , 2010, 16, 173-177.	1.7	68
27	Combining Organocatalysis with Central-Axial Chirality Conversion: Atroposelective Hantzsch-Type Synthesis of 4-Arylpyridines. <i>Angewandte Chemie</i> , 2016, 128, 1423-1427.	1.6	68
28	Stereoselective Syntheses, Structures, and Properties of Extremely Distorted Chiral Nanographenes Embedding Hextuple Helicenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3264-3271.	7.2	67
29	Thiyl Radical Mediated Racemization of Nonactivated Aliphatic Amines. <i>Journal of Organic Chemistry</i> , 2006, 71, 7288-7292.	1.7	64
30	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.	7.2	64
31	Dialkylzinc mediated radical additions to chiral N-enoyloxazolidinones in the presence of benzaldehyde. Mechanistic investigation, structural characterization of the resulting β -lactones. <i>Tetrahedron</i> , 2005, 61, 4261-4274.	1.0	63
32	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.	1.7	62
33	Artificial Chiral Metallo-pockets Including a Single Metal Serving as Structural Probe and Catalytic Center. <i>CheM</i> , 2017, 3, 174-191.	5.8	62
34	Highly Selective Enzymatic Kinetic Resolution of Primary Amines at 80 °C: A Comparative Study of Carboxylic Acids and Their Ethyl Esters as Acyl Donors. <i>Journal of Organic Chemistry</i> , 2007, 72, 6918-6923.	1.7	59
35	α,β -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.	1.0	59
36	H-Adamantylphosphinates as Universal Precursors of P-Stereogenic Compounds. <i>Journal of Organic Chemistry</i> , 2015, 80, 4132-4141.	1.7	56

#	ARTICLE	IF	CITATIONS
37	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.	6.6	55
38	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 7	1.7	54
39	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.	1.8	53
40	Mutual Monomer Orientation To Bias the Supramolecular Polymerization of [6]Helicenes and the Resulting Circularly Polarized Light and Spin Filtering Properties. <i>Journal of the American Chemical Society</i> , 2022, 144, 7709-7719.	6.6	53
41	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.	1.2	51
42	Chemoenzymatic Dynamic Kinetic Resolution of Primary Amines Catalyzed by CAL-B at 38 ± 40 °C. <i>Journal of Organic Chemistry</i> , 2011, 76, 7281-7286.	1.7	51
43	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.	1.7	50
44	Bis-4-aza[6]helicene: A Bis-helicenic 2,2'-Bipyridine with Chemically Triggered Chiroptical Switching Activity. <i>Journal of Organic Chemistry</i> , 2019, 84, 5383-5393.	1.7	50
45	Enhancement of electrocatalytic oxygen evolution by chiral molecular functionalization of hybrid 2D electrodes. <i>Nature Communications</i> , 2022, 13, .	5.8	48
46	New 1,4-Dihydropyridines Endowed with NO-Donor and Calcium Channel Agonist Properties. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 2688-2693.	2.9	46
47	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.	1.2	45
48	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, 2901-2903.	1.7	43
49	Ruthenium-Grafted Vinylhelicenes: Chiroptical Properties and Redox Switching. <i>Chemistry - A European Journal</i> , 2015, 21, 17100-17115.	1.7	43
50	Cyclobishelicenes: Shape-Persistent Figure-Eight Aromatic Molecules with Promising Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 14364-14369.	1.7	43
51	Enantiopure Cycloirradiated Complexes Bearing a Pentahelicenic <i>N</i> -Heterocyclic Carbene and Displaying Long-Lived Circularly Polarized Phosphorescence. <i>Angewandte Chemie</i> , 2017, 129, 8348-8351.	1.6	42
52	Triggering Emission with the Helical Turn in Thiadiazole-Helicenes. <i>Chemistry - A European Journal</i> , 2017, 23, 437-446.	1.7	42
53	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, 142, 20409-20418.	6.6	42
54	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.	6.6	41

#	ARTICLE	IF	CITATIONS
55	Assembly of Helicene- β -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.	7.2	41
56	New Selective Phosphodiesterase 4D Inhibitors Differently Acting on Long, Short, and Supershort Isoforms. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 6546-6557.	2.9	40
57	Memory of Chirality in Cascade Rearrangements of Eneidyne. <i>Journal of the American Chemical Society</i> , 2010, 132, 14742-14744.	6.6	40
58	Visible Light Chiral Photoinitiator for Radical Polymerization and Synthesis of Polymeric Films with Strong Chiroptical Activity. <i>Macromolecules</i> , 2018, 51, 5628-5637.	2.2	40
59	Thiyl Radical Mediated Racemization of Benzylic Amines. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3242-3250.	1.2	39
60	Revisiting the assembly of amino ester-based benzene-1,3,5-tricarboxamides: chiral rods in solution. <i>Chemical Communications</i> , 2015, 51, 7397-7400.	2.2	39
61	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.	6.6	39
62	β -Cyclodextrin-NHC-Gold(I) Complex (β -ICyD)AuCl: A Chiral Nanoreactor for Enantioselective and Substrate-Selective Alkoxylation Reactions. <i>ACS Catalysis</i> , 2020, 10, 5964-5972.	5.5	39
63	Novel chromatographic resolution of chiral diacylglycerols and analysis of the stereoselective hydrolysis of triacylglycerols by lipases. <i>Analytical Biochemistry</i> , 2008, 375, 196-208.	1.1	38
64	Copper Carbenoid, Reactant and Catalyst for One-Pot Diazo Ester Coupling Cascade Rearrangement of Eneidyne: Formation of Two Contiguous Tetrasubstituted Stereocenters. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1987-2000.	2.1	38
65	Helicene-grafted vinyl- and carbene-osmium complexes: an example of acid-base chiroptical switching. <i>Chemical Communications</i> , 2014, 50, 2854-2856.	2.2	38
66	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, 762-771.	1.3	36
67	Persistent Mixed-Valence [(TTF) ₂] ⁺ Dyad of a Chiral Bis(binaphthol)-tetrathiafulvalene (TTF) Derivative. <i>Chemistry - A European Journal</i> , 2010, 16, 8020-8028.	1.7	36
68	One-pot Crabb [®] homologation-radical cascade cyclisation with memory of chirality. <i>Chemical Communications</i> , 2012, 48, 2549.	2.2	36
69	Chiroptical Properties of Carbo[6]Helicene Derivatives Bearing Extended π -Conjugated Cyano Substituents. <i>Chirality</i> , 2013, 25, 455-465.	1.3	36
70	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.	6.6	36
71	Highly Efficient Photochemically Induced Thiyl Radical-Mediated Racemization of Aliphatic Amines at 30 \AA C. <i>Journal of Organic Chemistry</i> , 2008, 73, 364-368.	1.7	35
72	Double Transfer of Chirality in Organocopper-Mediated bis(Alkylating) Cycloisomerization of Eneidyne. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3227-3231.	7.2	35

#	ARTICLE	IF	CITATIONS
73	Aza[6]helicene Platinum Complexes: Chirality Control of <i>cis</i> – <i>trans</i> Isomerism. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5786-5790.	7.2	35
74	Merging hypervalent iodine and sulfoximine chemistry: a new electrophilic trifluoromethylation reagent. <i>Chemical Science</i> , 2019, 10, 10516-10523.	3.7	34
75	Optically Pure <i>C</i> ₁ -Symmetric Cyclic(alkyl)(amino)carbene Ruthenium Complexes for Asymmetric Olefin Metathesis. <i>Journal of the American Chemical Society</i> , 2020, 142, 19895-19901.	6.6	34
76	Switching from (R)- to (S)-selective chemoenzymatic DKR of amines involving sulfanyl radical-mediated racemization. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4165.	1.5	32
77	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.	1.7	32
78	Chiral Atropisomeric Indenocorannulene Bowls: Critique of the Cahn–Ingold–Prelog Conception of Molecular Chirality. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6470-6474.	7.2	32
79	Synthesis, Chiral Separation, Barrier to Rotation and Absolute Configuration of N-(O-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 <i>Chemistry</i> , 2005, 2, 433-443.	0.2	31
80	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.	6.6	31
81	Electronic and chiroptical properties of chiral cycloiridiated complexes bearing helicenic NHC ligands. <i>Chemical Communications</i> , 2016, 52, 9243-9246.	2.2	30
82	A helical naphthopyran dopant for photoresponsive cholesteric liquid crystals. <i>Chemical Communications</i> , 2017, 53, 200-203.	2.2	30
83	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.	1.0	30
84	Confining Nitrogen Inversion to Yield Enantiopure Quinolino[3,2,1- <i>k</i>]Phenothiazine Derivatives. <i>Advanced Functional Materials</i> , 2018, 28, 1803140.	7.8	29
85	Stereoselective Syntheses, Structures, and Properties of Extremely Distorted Chiral Nanographenes Embedding Hextuple Helicenes. <i>Angewandte Chemie</i> , 2020, 132, 3290-3297.	1.6	29
86	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.	1.9	28
87	Enantioselective cyanosilylation of aldehydes catalysed by a diastereomeric mixture of atropisomeric thioureas. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 999-1006.	1.8	28
88	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, 16722-16728.	1.7	28
89	Synthesis, Structural Analysis, and Chiral Investigations of Some Atropisomers with <i>E</i> -Tetrahalogeno-1,3-butadiene Core. <i>Journal of Organic Chemistry</i> , 2009, 74, 9062-9070.	1.7	27
90	Inherently chiral phosphonatocavitands as artificial chemo- and enantio-selective receptors of natural ammoniums. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5086.	1.5	27

#	ARTICLE	IF	CITATIONS
91	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.	1.7	27
92	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.	1.0	26
93	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.	1.8	26
94	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
95	An efficient and recyclable hybrid nanocatalyst to promote enantioselective radical cascade rearrangements of enediynes. <i>Chemical Communications</i> , 2011, 47, 5286.	2.2	25
96	A Racemic and Enantiopure Unsymmetric Diiron(III) Complex with a Chiral Carborane-Based Pyridylalcohol Ligand: Combined Chiroptical, Magnetic, and Nonlinear Optical Properties. <i>Chemistry - A European Journal</i> , 2014, 20, 1081-1090.	1.7	25
97	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.	1.6	25
98	A switchable dual organocatalytic system and the enantioselective total synthesis of the quadrane sesquiterpene suberosanone. <i>Chemical Communications</i> , 2016, 52, 6565-6568.	2.2	25
99	Absolute configuration and host-guest binding of chiral porphyrin-cages by a combined chiroptical and theoretical approach. <i>Nature Communications</i> , 2020, 11, 4776.	5.8	25
100	N ^α -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.	1.7	24
101	Chiral Diketopyrrolopyrrole-Helicene Polymer With Efficient Red Circularly Polarized Luminescence. <i>Frontiers in Chemistry</i> , 2020, 8, 237.	1.8	24
102	Circularly Polarized Fluorescent Helicene-Boronils: Synthesis, Photophysical and Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2021, 27, 7959-7967.	1.7	24
103	A curved host and second guest cooperatively inhibit the dynamic motion of corannulene. <i>Nature Communications</i> , 2021, 12, 4079.	5.8	24
104	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, 2773-2783.	1.7	23
105	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.	2.1	23
106	Chiroptical Properties of Cryptophane-223 and -233 Investigated by ECD, VCD, and ROA Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2015, 119, 8631-8639.	1.2	23
107	Large-Scale Synthesis of Enantiopure Molecular Cages: Chiroptical and Recognition Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 2068-2074.	1.7	23
108	(L)-(Trimethylsilyl)alanine synthesis exploiting hydroxypinanone-induced diastereoselective alkylation. <i>Amino Acids</i> , 2013, 45, 301-307.	1.2	22

#	ARTICLE	IF	CITATIONS
109	Long-lived Circularly Polarized Phosphorescence in Helicene-NHC Rhenium(I) Complexes: The Influence of Helicene, Halogen, and Stereochemistry on Emission Properties. <i>Angewandte Chemie</i> , 2020, 132, 8472-8478.	1.6	22
110	Subtle chirality in oxo- and sulfidorhenium(v) complexes. <i>Chemical Communications</i> , 2009, , 4841.	2.2	21
111	Stereospecific Synthesis of β - and γ -Hydroxyalkyl β -Stereogenic Phosphine-Boranes and Functionalized Derivatives: Evidence of the $\pi^*_{\text{C=O}}$ Activation in the BH_3 -Mediated Reduction. <i>Chemistry - A European Journal</i> , 2015, 21, 15607-15621.	1.7	21
112	Tuning the structure of 1,3,5-benzene tricarboxamide self-assemblies through stereochemistry. <i>Chemical Communications</i> , 2016, 52, 13369-13372.	2.2	21
113	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.	2.6	21
114	Molecular motor-functionalized porphyrin macrocycles. <i>Nature Communications</i> , 2020, 11, 5291.	5.8	21
115	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.	1.3	20
116	Chiroptical Properties of Nona- and Dodecamethoxy Cryptophanes. <i>Journal of Organic Chemistry</i> , 2014, 79, 6028-6036.	1.7	20
117	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.	1.7	19
118	Hit optimization studies of 3-hydroxy-indolin-2-one analogs as potential anti-HIV-1 agents. <i>Bioorganic Chemistry</i> , 2018, 79, 212-222.	2.0	19
119	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.	1.8	18
120	N-Acyl glycinates 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.	1.5	18
121	Raman Optical Activity of Enantiopure Cryptophanes. <i>Journal of Physical Chemistry B</i> , 2014, 118, 5211-5217.	1.2	18
122	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.	1.7	18
123	Bis-phosphine allene ligand: coordination chemistry and preliminary applications in catalysis. <i>Chemical Communications</i> , 2016, 52, 6785-6788.	2.2	18
124	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.	1.7	18
125	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.	1.4	17
126	N-C Axially Chiral Compounds with an <i>ortho</i> -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.	1.7	17

#	ARTICLE	IF	CITATIONS
127	Enantio- and Substrate-Selective Recognition of Chiral Neurotransmitters with <i>C</i> -Symmetric Switchable Receptors. <i>Organic Letters</i> , 2020, 22, 891-895.	2.4	17
128	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.	1.8	16
129	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.	1.7	16
130	Caulerpenyne-colchicine hybrid: Synthesis and biological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5540-5548.	1.4	16
131	Palladium Tandem Catalysis in the Atropodiastereoselective Synthesis of Indenes Bearing Central and Axial Chirality. <i>ACS Catalysis</i> , 2016, 6, 1559-1564.	5.5	16
132	Enantioenriched Ruthenium-Tris-Bipyridine Complexes Bearing One Helical Bipyridine Ligand: Access to Fused Multihelicenic Systems and Chiroptical Redox Switches. <i>Inorganic Chemistry</i> , 2021, 60, 11838-11851.	1.9	16
133	Enantioselective recognition 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.	0.8	15
134	Resolution of protected silaprolin for a gram scale preparation. <i>Amino Acids</i> , 2012, 43, 649-655.	1.2	15
135	Chiroptical Detectors for the Study of Unusual Phenomena in Chiral Chromatography. <i>Topics in Current Chemistry</i> , 2013, 340, 107-151.	4.0	15
136	Attempts to separate (-)- <i>thujone</i> , (+)- <i>thujone</i> epimers from camphor enantiomers by enantioselective HPLC with polarimetric detection. <i>Journal of Separation Science</i> , 2013, 36, 832-839.	1.3	15
137	Carbazole Isomerism in Helical Radical Cations: Spin Delocalization and SOMO-HOMO Level Inversion in the Diradical State. <i>Journal of the American Chemical Society</i> , 2022, 144, 7253-7263.	6.6	15
138	Contribution of chiral HPLC in tandem with polarimetric detection in the determination of absolute configuration by chemical interconversion method: Example in 1-(thio)oxothiazolinyl-3-(thio)oxothiazolinyl toluene atropisomer series. <i>Chirality</i> , 2002, 14, 665-673.	1.3	14
139	First Total Synthesis and Assignment of the Stereochemistry of Crispatenine. <i>Journal of Organic Chemistry</i> , 2007, 72, 3770-3775.	1.7	14
140	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.	0.7	14
141	Optimizing Group Transfer Catalysis by Copper Complex with Redox-Active Ligand in an Entatic State. <i>Science</i> , 2020, 23, 100955.	1.9	14
142	Helical donor-acceptor platinum complexes displaying dual luminescence and near-infrared circularly polarized luminescence. <i>Dalton Transactions</i> , 2021, 50, 13220-13226.	1.6	14
143	Atropisomerism in Amidinoquinoxaline <i>N</i> -Oxides: Effect of the Ring Size and Substituents on the Enantiomerization Barriers. <i>Journal of Organic Chemistry</i> , 2015, 80, 1689-1695.	1.7	13
144	Cyclotrimeratrylene-BINOL-Based Host Compounds: Synthesis, Absolute Configuration Assignment, and Recognition Properties. <i>Journal of Organic Chemistry</i> , 2016, 81, 3199-3205.	1.7	13

#	ARTICLE	IF	CITATIONS
145	Synthesis and Structural Properties of Aza[<i>n</i>]helicene Platinum Complexes: Control of Cis and Trans Stereochemistry. <i>Inorganic Chemistry</i> , 2016, 55, 2009-2017.	1.9	13
146	Azaindenocorannulenes: Synthesis, Properties, and Chirality. <i>Organic Letters</i> , 2019, 21, 3510-3513.	2.4	13
147	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.	2.7	13
148	Chiroptical fingerprints to characterize lavender and lavandin essential oils. <i>Journal of Chromatography A</i> , 2020, 1610, 460568.	1.8	13
149	Dissecting the Role of the Sergeants in Supramolecular Helical Catalysts: From Chain Capping to Intercalation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4183-4191.	7.2	13
150	Triskelion-shaped iridium-helicene NHC complex. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3916-3925.	3.0	13
151	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.	1.7	12
152	Chiroptical properties of cryptophane-111. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 18303-18310.	1.3	12
153	1,2,3- versus 1,2-Indeno Ring Fusions Influence Structure Property and Chirality of Corannulene Bowls. <i>Journal of Organic Chemistry</i> , 2018, 83, 3979-3986.	1.7	12
154	Redox-triggered chiroptical switching activity of ruthenium(III) bis(diketonato) complexes bearing a bipyridine-helicene ligand. <i>Chirality</i> , 2018, 30, 592-601.	1.3	12
155	Chiral Atropisomeric Indenocorannulene Bowls: Critique of the Cahn-Ingold-Prelog Conception of Molecular Chirality. <i>Angewandte Chemie</i> , 2018, 130, 6580-6584.	1.6	12
156	Unique Class of Enantiopure N-Heterocyclic Carbene Half-Sandwich Iridium(III) Complexes with Stable Configurations: Probing Five-Membered versus Six-Membered Iridacycles. <i>Inorganic Chemistry</i> , 2019, 58, 2930-2933.	1.9	12
157	Two-Photon Absorbing AIEgens: Influence of Stereoconfiguration on Their Crystallinity and Spectroscopic Properties and Applications in Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55157-55168.	4.0	12
158	New Route to 3-Alkylthiazolo[3,2- <i>a</i>]benzimidazole Derivatives. <i>Molecules</i> , 2005, 10, 327-333.	1.7	12
159	HPLC separation and VCD spectroscopy of chiral pyrazoles derived from (5 <i>R</i>)-dihydrocarvone. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1911-1917.	1.8	11
160	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
161	Tetrathiafulvalene[2.2]paracyclophanes: Synthesis, crystal structures, and chiroptical properties. <i>Chirality</i> , 2018, 30, 568-575.	1.3	11
162	Enantiopure <i>C</i> ₁ -Cyclotriveratrylene with a Reversed Spatial Arrangement of the Substituents. <i>Organic Letters</i> , 2019, 21, 160-165.	2.4	11

#	ARTICLE	IF	CITATIONS
163	Exciton coupling chirality in helicene-porphyrin conjugates. <i>Chemical Communications</i> , 2021, 57, 10743-10746.	2.2	11
164	On the Enantioselective Phosphoric-Acid-Catalyzed Hantzsch Synthesis of Polyhydroquinolines. <i>Organic Letters</i> , 2021, 23, 3394-3398.	2.4	11
165	Are the Physical Properties of Xe@Cryptophane Complexes Easily Predictable? The Case of <i>syn</i> - and <i>anti</i> -Tris-aza-Cryptophanes. <i>Journal of Organic Chemistry</i> , 2021, 86, 7648-7658.	1.7	11
166	Indolizy Carbene Ligand. Evaluation of Electronic Properties and Applications in Asymmetric Gold(I) Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19879-19888.	7.2	11
167	Helical Chiral N-Heterocyclic Carbene Ligands in Enantioselective Gold Catalysis. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	11
168	Hemisyntesis and odour properties of α -hydroxy- β -lactones and precursors derived from linalool. <i>Food Chemistry</i> , 2010, 121, 98-104.	4.2	10
169	New Chiral Cyclooctatriene-Based Polycyclic Architectures. <i>Organic Letters</i> , 2011, 13, 4450-4453.	2.4	10
170	Rhenium complexes bearing phosphole-pyridine chelates: simple molecules with large chiroptical properties. <i>Chemical Communications</i> , 2012, 48, 6705.	2.2	10
171	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.	1.7	10
172	Unusual Chiroptical Properties of the Cryptophane-222 Skeleton. <i>Journal of Physical Chemistry B</i> , 2016, 120, 12650-12659.	1.2	10
173	An elastase activity reporter for Electronic Paramagnetic Resonance (EPR) and Overhauser-enhanced Magnetic Resonance Imaging (OMRI) as a line-shifting nitroxide. <i>Free Radical Biology and Medicine</i> , 2018, 126, 101-112.	1.3	10
174	Synthesis and chiroptical properties of organometallic complexes of helicenic N-heterocyclic carbenes. <i>Chirality</i> , 2019, 31, 1005-1013.	1.3	10
175	An enzymatic acetal/hemiacetal conversion for the physiological temperature activation of the alkoxyamine C=ON bond homolysis. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2916-2924.	2.3	10
176	Combining Chirality and Hydrogen Bonding in Methylated Ethylenedithio-Tetrathiafulvalene Primary Diamide Precursors and Radical Cation Salts. <i>Crystal Growth and Design</i> , 2020, 20, 2516-2526.	1.4	10
177	Conducting chiral nickel(ii) bis(dithiolene) complexes: structural and electron transport modulation with the charge and the number of stereogenic centres. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4119-4140.	2.7	10
178	Enantiopure, luminescent, cyclometalated Ir(iii) complexes with N-heterocyclic carbene-naphthalimide chromophore: design, vibrational circular dichroism and TD-DFT calculations. <i>Dalton Transactions</i> , 2022, , .	1.6	10
179	HPLC on chiral support with polarimetric detection: Application to conglomerate discovery. <i>Chirality</i> , 2007, 19, 497-502.	1.3	9
180	Proteases screening for the kinetic resolution of amines with N-acyl α -amino acid trifluoromethyl esters: automated docking approach of binding energies using Subtilisin Novo as a prototype for serine proteases. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 2823-2834.	1.8	9

#	ARTICLE	IF	CITATIONS
181	Organocopperâ€Triggered Cyclisation of Conjugated Dieneâ€ynes: Diastereoâ€and Enantioselective Synthesis of Indenes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3611-3616.	2.1	9
182	Selective On/Offâ€Nitroxides as Radical Probes to Investigate Nonâ€radical Enzymatic Activity by Electron Paramagnetic Resonance. <i>Chemistry - A European Journal</i> , 2018, 24, 7615-7619.	1.7	9
183	Synthesis, resolution, and chiroptical properties of hemicryptophane cage controlling the chirality of propeller arrangement of a C 3 triamide unit. <i>Chirality</i> , 2019, 31, 910-916.	1.3	9
184	Extra hydrogen bonding interactions by peripheral indole groups stabilize benzene-1,3,5-tricarboxamide helical assemblies. <i>Chemical Communications</i> , 2019, 55, 8548-8551.	2.2	9
185	Chirality transfer in a cage controls the clockwise/anticlockwise propeller arrangement of the tris(2-pyridylmethyl)amine ligand. <i>Chemical Communications</i> , 2019, 55, 14158-14161.	2.2	9
186	A HELIXOLâ€Derived Bisphosphinite Ligand: Synthesis and Application in Goldâ€Catalyzed Enynes Cycloisomerization. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2129-2137.	1.2	9
187	Helically Chiral NHCâ€Gold(I) Complexes: Synthesis, Chiroptical Properties and Electronic Features of the [5]Heliceneâ€imidazolylidene Ligand. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4769-4776.	1.2	9
188	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.	2.9	8
189	A focus on the asymmetric synthesis of a novel threo-Î²-benzyl-Î²-hydroxy aspartate analogue. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 94-99.	1.8	8
190	Experimental and Theoretical Study of the Complexation of Cesium and Thallium Cations by a Water-Soluble Cryptophane. <i>ChemistrySelect</i> , 2017, 2, 5292-5300.	0.7	8
191	Enantioselective Complexation of Chiral Oxirane Derivatives by an Enantiopure Cryptophane in Water. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1601-1607.	1.2	8
192	The Chemoâ€and Stereoselective Formation of Palladoâ€and Platinocryptophanes. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2691-2706.	1.0	8
193	Chiral Conducting Me-EDT-TTF and Et-EDT-TTF-Based Radical Cation Salts with the Perchlorate Anion. <i>Crystals</i> , 2020, 10, 1069.	1.0	8
194	Luminescent Chiral Exciplexes with Skyâ€Blue and Green Circularly Polarizedâ€Thermally Activated Delayed Fluorescence. <i>Chemistry - A European Journal</i> , 2021, 27, 16505-16511.	1.7	8
195	Chiral Emissive Lanthanide Complexes from Enantiopure [6]Heliceneâ€bis(pyrazolyl)â€pyridine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, .	1.0	8
196	Straightforward Access to Multifunctional Î€â€Conjugated Pâ€Heterocycles Featuring an Internal Ylidic Bond**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	8
197	Synthesis and absolute configuration assignment of 5-amino-1,3,5-triphenyl-pentane-1,3-diol stereoisomers. <i>Chirality</i> , 2005, 17, 63-72.	1.3	7
198	Synthesis, chiral separation, and absolute configuration of bisâ€(aryl) atropisomeric triads: 1,2â€bisâ€(4â€methylâ€2â€(thio)oxoâ€2,3â€dihydrothiazolâ€3â€yl)â€benzene. <i>Chirality</i> , 2009, 21, 160-166.	1.3	7

#	ARTICLE	IF	CITATIONS
199	Synthesis of (+)-striatene: confirmation of its stereostructure. <i>Tetrahedron Letters</i> , 2009, 50, 5723-5725.	0.7	7
200	Access to <i>N</i> -Thioalkenyl and <i>N</i> -(<i>o</i> -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.	1.7	7
201	Dinuclear Rhenium Complexes with a Bridging Helicene-bipyridine Ligand: Synthesis, Structure, and Photophysical and Chiroptical Properties. <i>ChemPlusChem</i> , 2020, 85, 2446-2454.	1.3	7
202	Enantioselective synthesis of chiral porphyrin macrocyclic hosts and kinetic enantiorecognition of viologen guests. <i>Chemical Science</i> , 2021, 12, 1661-1667.	3.7	7
203	Synthesis, chiral HPLC resolution and configuration assignment of 1-phenylglyceryl trinitrate stereomers. <i>Chirality</i> , 2006, 18, 430-436.	1.3	6
204	Synthesis of Enantiopure Tertiary Skipped Diynes via One-Pot Desymmetrizing TMS-Cleavage. <i>Organic Letters</i> , 2012, 14, 3974-3977.	2.4	6
205	<i>N</i> -Octanoyldimethylglycine Trifluoroethyl Ester, an Acyl Donor Leading to Highly Enantioselective Protease-Catalysed Kinetic Resolution of Amines. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1759-1764.	2.1	6
206	Enantioselective Syntheses of the Proposed Structures of Kopeolin and Kopeolone. <i>Chemistry - A European Journal</i> , 2013, 19, 10632-10642.	1.7	6
207	Organocopper triggered cyclization of conjugated dienyne <i>S</i> via tandem <i>S</i> ₂ ^N /Alder-ene reaction. <i>Organic Chemistry Frontiers</i> , 2018, 5, 769-776.	2.3	6
208	An oxorhenium complex bearing a chiral cyclohexane-1,1-diolato-2-thiolato ligand: Synthesis, stereochemistry, and theoretical study of parity violation vibrational frequency shifts. <i>Chirality</i> , 2018, 30, 147-156.	1.3	6
209	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.	1.7	6
210	Helical Bisphosphinites in Asymmetric Tsuji-Trost Allylation: a Remarkable P:Pd Ratio Effect. <i>ChemCatChem</i> , 2021, 13, 4543-4548.	1.8	6
211	Transition metal complexes bearing atropisomeric saturated NHC ligands. <i>Chirality</i> , 2022, 34, 13-26.	1.3	6
212	Atropisomeric Chiral Probes to Study the Supramolecular Organization in Porphyrin Self-Assemblies. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6526-6536.	1.2	5
213	Reversible Stereodivergent Cycloaddition of Racemic Helicenes to [60]Fullerene: A Chiral Resolution Strategy. <i>Organic Letters</i> , 2018, 20, 1764-1767.	2.4	5
214	Effect of substituents on the configurational stability of the stereogenic nitrogen in metal(II) complexes of \pm -amino acid Schiff bases. <i>Chirality</i> , 2019, 31, 401-409.	1.3	5
215	Magnetic Resonance Imaging of Protease-Mediated Lung Tissue Inflammation and Injury. <i>ACS Omega</i> , 2021, 6, 15012-15016.	1.6	5
216	Chiral Radical Cation Salts of Me-EDT-TTF and DM-EDT-TTF with Octahedral, Linear and Tetrahedral Monoanions. <i>Magnetochemistry</i> , 2021, 7, 87.	1.0	5

#	ARTICLE	IF	CITATIONS
217	<i>C₁</i> -Symmetric Atropisomeric NHC Palladium(II) Complexes: Synthesis, Resolution and Characterization. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4229-4238.	2.1	5
218	Aryl Fluoroalkyl Sulfoxides: Optical Stability and <i>K_a</i> Measurement. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5019-5026.	1.2	5
219	Chemoenzymatic synthesis of novel adenosine carbanucleoside analogues containing a locked 3- <i>ε</i> -methyl-2,3- <i>ε</i> -oxirane-fused system. <i>Tetrahedron</i> , 2007, 63, 5050-5055.	1.0	4
220	Optically active cyclopentadienyl and indenyl ligands obtained from lactic acid esters. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 23-32.	0.8	4
221	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.	1.0	4
222	Geometric enantiomerism in cyclic compounds: Chiral dibrominated 1,3- <i>ε</i> -dioxanes. <i>Chirality</i> , 2011, 23, 167-171.	1.3	4
223	Synthesis and reactivity of a cyclopentadienyl-indenyl ligand ring-coupled by a chiral bridge derived from ethyl (S)-(<i>α</i> ⁺) lactate. <i>Dalton Transactions</i> , 2013, 42, 7980.	1.6	4
224	Closed vs Open-Shell CTV Based Host Compounds: A Direct Comparison. <i>ChemistrySelect</i> , 2016, 1, 6316-6320.	0.7	4
225	Chiral Fidelity in the Diastereoselective and Enantiospecific Synthesis of Indenes from Axially Chiral Benzylidene Cyclanes. <i>Chemistry - A European Journal</i> , 2017, 23, 8375-8379.	1.7	4
226	Dissecting the Role of the Sergeants in Supramolecular Helical Catalysts: From Chain Capping to Intercalation. <i>Angewandte Chemie</i> , 2021, 133, 4229-4237.	1.6	4
227	Synthesis and Properties of Partially Saturated Fluorenyl-Derived [n]Helicenes Featuring an Overcrowded Alkene. <i>Chemistry - A European Journal</i> , 2021, 27, 7722-7730.	1.7	4
228	Synthesis and Optical Resolution of Configurationally Stable Zwitterionic Pentacoordinate Silicon Derivatives. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4
229	Configurationally stable dithia[7]helicene and dithia-quasi[8]circulene fused dithiolones. <i>Organic Chemistry Frontiers</i> , 2022, 9, 4260-4270.	2.3	4
230	Synthesis of chiral primary amines: diastereoselective alkylation of N-[(1 <i>E</i>)-alkylidene]-3,5-bis[(1 <i>S</i>)-1-methoxyethyl]-4 <i>H</i> -1,2,4-triazol-4-amines and N4-Nexocyclic bond cleavage in the resulting 1,2,4-triazol-4-alkylamines. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2682-2692.	1.8	3
231	Asymmetric 4-Aryl-1,4-dihydropyridines Potentiate Mutant Cystic Fibrosis Transmembrane Conductance Regulator (CFTR). <i>ChemMedChem</i> , 2012, 7, 1799-1807.	1.6	3
232	Resolution and absolute configuration of some <i>±</i> -aminoacetals: en route to enantiopure N-protected <i>±</i> -aminoaldehydes. <i>Amino Acids</i> , 2012, 43, 687-696.	1.2	3
233	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.	1.0	3
234	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

#	ARTICLE	IF	CITATIONS
235	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.	1.7	3
236	Chiroptical study of cryptophanes subjected to self-encapsulation. <i>Chirality</i> , 2019, 31, 481-491.	1.3	3
237	Thiophene fused indenocorannulenes: synthesis, variable emission, and exceptional chiral configurational stability. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3653-3658.	2.3	3
238	Hemicryptophane Cages with a <i>C</i> ₁ -Symmetric Cyclotrimeratrylene Unit. <i>Journal of Organic Chemistry</i> , 2021, 86, 15055-15062.	1.7	3
239	Synthesis and Optical Resolution of Configurationally Stable Zwitterionic Pentacoordinate Silicon Derivatives. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	3
240	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.	1.8	2
241	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.	2.5	2
242	A Forgotten Chiral Spiro Compound Revisited: 3,3'-Dimethyl-3 <i>H</i> ,3' <i>H</i> -2,2'-spirobi[[1,3]benzothiazole]. <i>Chirality</i> , 2015, 27, 716-721.	1.3	2
243	Synthesis and stability evaluation of novel peptidomimetic Caspase-1 inhibitors for topical application. <i>Tetrahedron</i> , 2018, 74, 4805-4822.	1.0	2
244	Enantiopure encaged Verkade's superbases: Synthesis, chiroptical properties, and use as chiral derivatizing agent. <i>Chirality</i> , 2020, 32, 139-146.	1.3	2
245	Enantiopure ethyl 2,3-dibromopropionate: Enantioselective synthesis vs preparative HPLC enantioseparation of racemate on multigram scale. <i>Chirality</i> , 2020, 32, 1045-1052.	1.3	2
246	Allosteric Guest Binding in Chiral Zirconium(IV) Double Decker Porphyrin Cages. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 607-617.	1.2	2
247	Rearrangement of a 3-acyloxyamino-1,5-diketone into enamine and pyrrole: a mechanistic study. <i>Arkivoc</i> , 2006, 2006, 42-54.	0.3	2
248	Enzymatic activity monitoring through Dynamic Nuclear Polarization in Earth magnetic field. <i>Journal of Magnetic Resonance</i> , 2021, 333, 107095.	1.2	2
249	Synthesis and Electron Accepting Properties of Two Di(benz[<i>f</i>]indenone)-Fused Tetraazaanthracene Isomers. <i>Journal of Organic Chemistry</i> , 2022, 87, 3276-3285.	1.7	2
250	Assembly of Aggregation-Induced Emission Active Bola-Amphiphilic Macromolecules into Luminescent Nanoparticles Optimized for Two-Photon Microscopy In Vivo. <i>Biomacromolecules</i> , 2022, 23, 2485-2495.	2.6	2
251	Straightforward Access to Multifunctional π -Conjugated π -Heterocycles Featuring an Internal Ylidic Bond**. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
252	Cellulose chiral induction during the synthesis of cellulose N-phthaloyl-amino acid esters. <i>Cellulose</i> , 2013, 20, 2057-2067.	2.4	1

#	ARTICLE	IF	CITATIONS
253	A Proof of Concept: 2-Pyrazolines (4,5-Dihydro-1H-pyrazoles) Can Be Used as Organocatalysts via Iminium Activation. Letters in Organic Chemistry, 2016, 13, 414-419.	0.2	1
254	Regioselective addition of DDQ on a quinoid ring: an entry into chiral zwitterionic bridging ligands. New Journal of Chemistry, 2018, 42, 8247-8252.	1.4	1
255	Atropisomerism in the 2-arylimino-N-(2-aryl)-thiazoline series. Arkivoc, 2008, 2008, 28-41.	0.3	1
256	Light-gated binding in double-motorized porphyrin cages. Natural Sciences, 2022, 2, .	1.0	1
257	Alkynylgold(I) C_3 -Chiral Concave Complexes: Aggregation and Luminescence. Chemistry - A European Journal, 2022, 28, e202103759.	1.7	1
258	Frontispiz: Long-Lived Circularly Polarized Phosphorescence in Helicene-NHC Rhenium(I) Complexes: The Influence of Helicene, Halogen, and Stereochemistry on Emission Properties. Angewandte Chemie, 2020, 132, .	1.6	0
259	Frontispiece: Long-Lived Circularly Polarized Phosphorescence in Helicene-NHC Rhenium(I) Complexes: The Influence of Helicene, Halogen, and Stereochemistry on Emission Properties. Angewandte Chemie - International Edition, 2020, 59, .	7.2	0
260	Slight structural modulation around a pivotal bond: high impact on enantiomeric stability. New Journal of Chemistry, 2021, 45, 16039-16047.	1.4	0
261	Multigram-scale HPLC enantioseparation as a rescue pathway for circumventing racemization problem during enantioselective synthesis of ethyl 3,4-dihydro-1,4-benzoxazine-2-carboxylate. Chirality, 2021, 33, 324-336.		0
262	Indolizy Carbene Ligand. Evaluation of Electronic Properties and Applications in Asymmetric Gold(I) Catalysis. Angewandte Chemie, 2021, 133, 20032-20041.	1.6	0
263	Chiroptical properties of anionic and neutral nickel(II) bis(dithiolene) complexes based on methyl and dimethyl-dtd ligands. Chirality, 2021, , .	1.3	0
264	Enantiopure Cyclometalated Rh(III) and Ir(III) Complexes Displaying Rigid Configuration at Metal Center: Design, Structures, Chiroptical Properties and Role of the Iodide Ligand. Chemistry, 2022, 4, 156-167.	0.9	0