Jeanne Crassous

List of Publications by Year
in descending order

168 papers	7,764 citations	50276 46 h-index	62596 80 g-index
191 all docs	191 docs citations	191 times ranked	5257 citing authors

#	Article	IF	Citations
1	Enantioenriched Helicenes and Helicenoids Containing Main-Group Elements (B, Si, N, P). Chemical Reviews, 2019, 119, 8846-8953.	47.7	389
2	Chiral transfer in coordination complexes: towards molecular materials. Chemical Society Reviews, 2009, 38, 830.	38.1	365
3	Helicene-based transition metal complexes: synthesis, properties and applications. Chemical Science, 2014, 5, 3680.	7.4	204
4	Ï€-Conjugated phosphole derivatives: synthesis, optoelectronic functions and coordination chemistry. Dalton Transactions, 2008, , 6865.	3.3	184
5	Transfer of chirality from ligands to metal centers: recent examples. Chemical Communications, 2012, 48, 9684.	4.1	167
6	Acid/Baseâ€Triggered Switching of Circularly Polarized Luminescence and Electronic Circular Dichroism in Organic and Organometallic Helicenes. Chemistry - A European Journal, 2015, 21, 1673-1681.	3.3	166
7	Absolute Configuration of Bromochlorofluoromethane from Experimental and Ab Initio Theoretical Vibrational Raman Optical Activity. Angewandte Chemie International Edition in English, 1997, 36, 885-887.	4.4	161
8	Synthesis of a Helical Bilayer Nanographene. Angewandte Chemie - International Edition, 2018, 57, 6774-6779.	13.8	161
9	Metallahelicenes: Easily Accessible Helicene Derivatives with Large and Tunable Chiroptical Properties. Angewandte Chemie - International Edition, 2010, 49, 99-102.	13.8	144
10	Enantiopure Cycloiridiated Complexes Bearing a Pentahelicenic Nâ€Heterocyclic Carbene and Displaying Longâ€Lived Circularly Polarized Phosphorescence. Angewandte Chemie - International Edition, 2017, 56, 8236-8239.	13.8	143
11	Straightforward access to mono- and bis-cycloplatinated helicenes displaying circularly polarized phosphorescence by using crystallization resolution methods. Chemical Science, 2014, 5, 1915.	7.4	140
12	Lemniscular [16]Cycloparaphenylene: A Radially Conjugated Figure-Eight Aromatic Molecule. Journal of the American Chemical Society, 2019, 141, 7421-7427.	13.7	134
13	Helicene-based chiroptical switches. Comptes Rendus Chimie, 2016, 19, 39-49.	0.5	130
14	Progress toward the first observation of parity violation in chiral molecules by highâ€resolution laser spectroscopy. Chirality, 2010, 22, 870-884.	2.6	129
15	Metalâˆ’Bis(helicene) Assemblies Incorporating Ï€-Conjugated Phosphole-Azahelicene Ligands: Impacting Chiroptical Properties by Metal Variation. Journal of the American Chemical Society, 2009, 131, 3183-3185.	13.7	127
16	Ruthenium-Vinylhelicenes: Remote Metal-Based Enhancement and Redox Switching of the Chiroptical Properties of a Helicene Core. Journal of the American Chemical Society, 2012, 134, 15628-15631.	13.7	126
17	Exciton coupling in diketopyrrolopyrroleâ€“helicene derivatives leads to red and near-infrared circularly polarized luminescence. Chemical Science, 2018, 9, 735-742.	7.4	122
18	Helicene Quinones: Redox-Triggered Chiroptical Switching and Chiral Recognition of the Semiquinone Radical Anion Lithium Salt by Electron Nuclear Double Resonance Spectroscopy. Journal of the American Chemical Society, 2014, 136, 13045-13052.	13.7	119

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19	Preparation of Enantiomerically Pure C76 with a General Electrochemical Method for the Removal of Di(alkoxycarbonyl)methano Bridges from Methanofullerenes: The Retro-Bingel Reaction. Angewandte Chemie - International Edition, 1998, 37, 1919-1922.	13.8	118
20	Achieving high circularly polarized luminescence with pushâ€“pull helicenic systems: from rationalized design to top-emission CP-OLED applications. Chemical Science, 2021, 12, 5522-5533.	7.4	106
21	Synthesis and Chiroptical Properties of Hexaâ€, Octaâ€, and Decaâ€azaborahelicenes: Influence of Helicene Size and of the Number of Boron Atoms. Chemistry - A European Journal, 2017, 23, 407-418.	3.3	102
22	Redox Characteristics of Covalent Derivatives of the Higher Fullerenes C70, C76, and C78. Journal of the American Chemical Society, 1998, 120, 7860-7868.	13.7	97
23	Synthesis and chiral recognition ability of helical polyacetylenes bearing helicene pendants. Polymer Chemistry, 2014, 5, 4909.	3.9	97
24	Chemistry of C84: Separation of Three Constitutional Isomers and Optical Resolution ofD2-C84 by Using the â€œBingel-Retro-Bingelâ€•Strategy. Angewandte Chemie - International Edition, 1999, 38, 1613-1617.	13.8	96
25	Maximizing Chiral Perturbation on Thermally Activated Delayed Fluorescence Emitters and Elaboration of the First Topâ€Emission Circularly Polarized OLED. Advanced Functional Materials, 2020, 30, 2004838.	14.9	94
26	enantio-Enriched CPL-active heliceneâ€“bipyridineâ€“rhenium complexes. Chemical Communications, 2015, 51, 3754-3757.	4.1	91
27	Recent experimental and theoretical developments towards the observation of parity violation (PV) effects in molecules by spectroscopy. Organic and Biomolecular Chemistry, 2005, 3, 2218.	2.8	83
28	Conformational changes and chiroptical switching of enantiopure bis-helicenic terpyridine upon Zn²⁺ binding. Chemical Communications, 2016, 52, 5932-5935.	4.1	83
29	Chiral multifunctional molecules based on organometallic helicenes: Recent advances. Coordination Chemistry Reviews, 2018, 376, 533-547.	18.8	83
30	Assembly of Ï€â€Conjugated Phosphole Azahelicene Derivatives into Chiral Coordination Complexes: An Experimental and Theoretical Study. Chemistry - A European Journal, 2010, 16, 5976-6005.	3.3	79
31	Modulation of circularly polarized luminescence through excited-state symmetry breaking and interbranched exciton coupling in helical pushâ€“pull organic systems. Chemical Science, 2020, 11, 567-576.	7.4	79
32	From Hetero- to Homochiral Bis(metallahelicene)s Based on a Pt^{III}â^'Pt^{III} Bonded Scaffold: Isomerization, Structure, and Chiroptical Properties. Journal of the American Chemical Society, 2011, 133, 3800-3803.	13.7	78
33	Absolute Configuration of Bromochlorofluoromethane from Molecular Dynamics Simulation of Its Enantioselective Complexation by Cryptophane-C. Journal of the American Chemical Society, 1997, 119, 3818-3823.	13.7	74
34	Ethylenedithioï£¿Tetrathiafulvaleneï£¿Helicenes: Electroactive Helical Precursors with Switchable Chiroptical Properties. Chemistry - A European Journal, 2013, 19, 13160-13167.	3.3	73
35	Iron Alkynyl Helicenes: Redoxâ€Triggered Chiroptical Tuning in the IR and Nearâ€IR Spectral Regions and Suitable for Telecommunications Applications. Angewandte Chemie - International Edition, 2016, 55, 8062-8066.	13.8	71
36	Triplet state CPL active heliceneâ€“dithiolene platinum bipyridine complexes. Chemical Communications, 2017, 53, 9210-9213.	4.1	69

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37	Synthesis of a Helical Bilayer Nanographene. Angewandte Chemie, 2018, 130, 6890-6895.	2.0	69
38	Chiral Organic Cages with a Triple-Stranded Helical Structure Derived from Helicene. Journal of the American Chemical Society, 2018, 140, 2769-2772.	13.7	68
39	Chiral Trialkanolamine-Based Hemicryptophanes:â€‰ Synthesis and Oxovanadium Complex. Organic Letters, 2005, 7, 1207-1210.	4.6	66
40	Enantiopure versus Racemic Naphthalimide Endâ€Capped Helicenic Nonâ€fullerene Electron Acceptors: Impact on Organic Photovoltaics Performance. Chemistry - A European Journal, 2017, 23, 6277-6281.	3.3	66
41	Longâ€Lived Circularly Polarized Phosphorescence in Heliceneâ€NHC Rhenium(I) Complexes: The Influence of Helicene, Halogen, and Stereochemistry on Emission Properties. Angewandte Chemie - International Edition, 2020, 59, 8394-8400.	13.8	64
42	Multifunctional and Reactive Enantiopure Organometallic Helicenes: Tuning Chiroptical Properties by Structural Variations of Monoâ€and Bis(platinahelicene)s. Chemistry - A European Journal, 2011, 17, 14178-14198.	3.3	62
43	Oxidative cyclo-rearrangement of helicenes into chiral nanographenes. Nature Communications, 2021, 12, 2786.	12.8	60
44	Improved slow magnetic relaxation in optically pure helicene-based Dy^{III} single molecule magnets. Chemical Communications, 2016, 52, 14474-14477.	4.1	56
45	Possible chemical and physical scenarios towards biological homochirality. Chemical Society Reviews, 2022, 51, 3436-3476.	38.1	54
46	Mutual Monomer Orientation To Bias the Supramolecular Polymerization of [6]Helicenes and the Resulting Circularly Polarized Light and Spin Filtering Properties. Journal of the American Chemical Society, 2022, 144, 7709-7719.	13.7	53
47	Bis-4-aza[6]helicene: A Bis-helicenic 2,2â€²-Bipyridine with Chemically Triggered Chiroptical Switching Activity. Journal of Organic Chemistry, 2019, 84, 5383-5393.	3.2	50
48	Metalâ€Based Multihelicenic Architectures. Angewandte Chemie - International Edition, 2020, 59, 22840-22856.	13.8	48
49	Search for Resolution of Chiral Fluorohalogenomethanes and Parity-Violation Effects at the Molecular Level. ChemPhysChem, 2003, 4, 541-548.	2.1	46
50	Chlorofluoroiodomethane as a potential candidate for parity violation measurements. Physical Chemistry Chemical Physics, 2006, 8, 79-92.	2.8	46
51	Chiral and Extended Ï€â€Conjugated Bis(2â€pyridyl)phospholes as Assembling N,P,N Pincers for Coordinationâ€Driven Synthesis of Supramolecular [2,2]Paracyclophane Analogues. Chemistry - A European Journal, 2011, 17, 1337-1351.	3.3	43
52	Rutheniumâ€Grafted Vinylhelicenes: Chiroptical Properties and Redox Switching. Chemistry - A European Journal, 2015, 21, 17100-17115.	3.3	43
53	Distance Matters: Biasing Mechanism, Transfer of Asymmetry, and Stereomutation in N-Annulated Perylene Bisimide Supramolecular Polymers. Journal of the American Chemical Society, 2021, 143, 13281-13291.	13.7	43
54	Enantiopure Cycloiridiated Complexes Bearing a Pentahelicenic Nâ€Heterocyclic Carbene and Displaying Longâ€Lived Circularly Polarized Phosphorescence. Angewandte Chemie, 2017, 129, 8348-8351.	2.0	42

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55	Triggering Emission with the Helical Turn in Thiadiazoleâ€Helicenes. Chemistry - A European Journal, 2017, 23, 437-446.	3.3	42
56	Axially and Helically Chiral Cationic Radical Bicarbazoles: SOMOâ€“HOMO Level Inversion and Chirality Impact on the Stability of Mono- and Diradical Cations. Journal of the American Chemical Society, 2020, 142, 20409-20418.	13.7	42
57	Assembly of Heliceneâ€Capped N,P,N,P,Nâ€Helicands within Cu^I Helicates: Impacting Chiroptical Properties by Ligandâ€“Ligand Charge Transfer. Angewandte Chemie - International Edition, 2013, 52, 1968-1972.	13.8	41
58	Absolute configuration of chiral fullerenes and covalent derivatives from their calculated circular dichroism spectra. Journal of the Chemical Society Perkin Transactions II, 1998, , 1719-1724.	0.9	40
59	Visible Light Chiral Photoinitiator for Radical Polymerization and Synthesis of Polymeric Films with Strong Chiroptical Activity. Macromolecules, 2018, 51, 5628-5637.	4.8	40
60	Regioselective one-step synthesis of trans-3,trans-3,trans-3 and e,e,e [60]fullerene tris-adducts directed by a C3-symmetrical cyclotriveratrylene tether. Chemical Communications, 1999, , 1121-1122.	4.1	38
61	Stereoselective coordination of ditopic phospholyl-azahelicenes: a novel approach towards structural diversity in chiral Ï€-conjugated assemblies. Chemical Communications, 2008, , 850-852.	4.1	38
62	Helicene-grafted vinyl- and carbene-osmium complexes: an example of acidâ€“base chiroptical switching. Chemical Communications, 2014, 50, 2854-2856.	4.1	38
63	Helicene-Based Ligands Enable Strong Magneto-Chiral Dichroism in a Chiral Ytterbium Complex. Journal of the American Chemical Society, 2021, 143, 2671-2675.	13.7	38
64	Helicene-derived aggregation-induced emission conjugates with highly tunable circularly polarized luminescence. Materials Chemistry Frontiers, 2020, 4, 837-844.	5.9	37
65	Chiroptical Properties of Carbo[6]Helicene Derivatives Bearing Extended Ï€â€Conjugated Cyano Substituents. Chirality, 2013, 25, 455-465.	2.6	36
66	Aza[6]helicene Platinum Complexes: Chirality Control of cisâ€“trans Isomerism. Angewandte Chemie - International Edition, 2014, 53, 5786-5790.	13.8	35
67	Two-photon absorption and two-photon circular dichroism of hexahelicene derivatives: a study of the effect of the nature of intramolecular charge transfer. RSC Advances, 2015, 5, 17429-17437.	3.6	32
68	Preparation of (+)-chlorofluoroiodomethane, determination of its enantiomeric excess and of its absolute configuration. Tetrahedron: Asymmetry, 2004, 15, 1995-2001.	1.8	31
69	Absolute Configuration of C76 from Optical Rotatory Dispersion. ChemPhysChem, 2005, 6, 2535-2540.	2.1	31
70	Gas chromatographic enantiomer separation of bromochlorofluoromethane. Tetrahedron: Asymmetry, 1995, 6, 87-88.	1.8	30
71	Electronic and chiroptical properties of chiral cycloiridiated complexes bearing helicenic NHC ligands. Chemical Communications, 2016, 52, 9243-9246.	4.1	30
72	An Enantiopure Cyclometallated Iridium Complex Displaying Longâ€Lived Phosphorescence both in Solution and in the Solid State. Helvetica Chimica Acta, 2019, 102, e1900044.	1.6	30

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73	Phosphahelicenes: From Chiroptical and Photophysical Properties to OLED Applications. Chemistry - A European Journal, 2019, 25, 5303-5310.	3.3	30
74	Tetrathiafulvalene-Based Helicene Ligand in the Design of a Dysprosium Field-Induced Single-Molecule Magnet. Inorganic Chemistry, 2019, 58, 52-56.	4.0	30
75	Synthesis and Vibrational Circular Dichroism of Enantiopure Chiral Oxorhenium(V) Complexes Containing the Hydrotris(1-pyrazolyl)borate Ligand. Inorganic Chemistry, 2006, 45, 10230-10239.	4.0	28
76	Diastereoâ€•and Enantioselective Synthesis of Organometallic Bis(helicene)s by a Combination of Cï£¿H Activation and Dynamic Isomerization. Chemistry - A European Journal, 2013, 19, 16722-16728.	3.3	28
77	3D Coumarin Systems Based on [2.2]Paracyclophane: Synthesis, Spectroscopic Characterization, and Chiroptical Properties. Journal of Organic Chemistry, 2019, 84, 888-899.	3.2	28
78	Dissymmetrical Uâ€Shaped Ï€â€Stacked Supramolecular Assemblies by Using a Dinuclear Cu^I Clip with Organophosphorus Ligands and Monotopic Fully Ï€â€Conjugated Ligands. Chemistry - A European Journal, 2014, 20, 14853-14867.	3.3	27
79	Helicenes Grafted with 1,1,4,4â€Tetracyanobutadiene Moieties: Ï€â€Helical Pushâ€“Pull Systems with Strong Electronic Circular Dichroism and Twoâ€Photon Absorption. Chemistry - A European Journal, 2018, 24, 14484-14494.	3.3	27
80	Pressure-controlled aggregation in carboxylic acids. A case study on the polymorphism of bromochlorofluoroacetic acid. CrystEngComm, 2009, 11, 2668.	2.6	26
81	Dual Redox and Optical Control of Chiroptical Activity in Photochromic Dithienylethenes Decorated with Hexahelicene and Bis-Ethynyl-Ruthenium Units. Organometallics, 2018, 37, 697-705.	2.3	26
82	A Racemic and Enantiopure Unsymmetric Diiron(III) Complex with a Chiral oâ€Carboraneâ€Based Pyridylalcohol Ligand: Combined Chiroptical, Magnetic, and Nonlinear Optical Properties. Chemistry - A European Journal, 2014, 20, 1081-1090.	3.3	25
83	Iron Alkynyl Helicenes: Redoxâ€Triggered Chiroptical Tuning in the IR and Nearâ€IR Spectral Regions and Suitable for Telecommunications Applications. Angewandte Chemie, 2016, 128, 8194-8198.	2.0	25
84	Largeâ€Scale Synthesis of Heliceneâ€Like Molecules for the Design of Enantiopure Thin Films with Strong Chiroptical Activity. Chemistry - A European Journal, 2016, 22, 3333-3346.	3.3	25
85	Absolute configuration and host-guest binding of chiral porphyrin-cages by a combined chiroptical and theoretical approach. Nature Communications, 2020, 11, 4776.	12.8	25
86	Why is the Energy of the Singly Occupied Orbital in Some Radicals below the Highest Occupied Orbital Energy?. Chemistry of Materials, 2021, 33, 3678-3691.	6.7	25
87	Redoxâ€Active Chiroptical Switching in Monoâ€•and Bisâ€Iron Ethynylcarbo[6]helicenes Studied by Electronic and Vibrational Circular Dichroism and Resonance Raman Optical Activity. Chemistry - A European Journal, 2018, 24, 15067-15079.	3.3	24
88	Helicenic Complexes of Lanthanides: Influence of the fâ€Element on the Intersystem Crossing Efficiency and Competition between Luminescence and Oxygen Sensitization. European Journal of Inorganic Chemistry, 2019, 2019, 118-125.	2.0	24
89	Chiral Diketopyrrolopyrrole-Helicene Polymer With Efficient Red Circularly Polarized Luminescence. Frontiers in Chemistry, 2020, 8, 237.	3.6	24
90	Circularly Polarized Fluorescent Heliceneâ€Boranils: Synthesis, Photophysical and Chiroptical Properties. Chemistry - A European Journal, 2021, 27, 7959-7967.	3.3	24

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91	Gas-chromatographic separation of tri(hetero)halogenomethane enantiomers. Chirality, 2005, 17, 488-493.	2.6	23
92	High resolution spectroscopy of methyltrioxorhenium: towards the observation of parity violation in chiral molecules. Physical Chemistry Chemical Physics, 2011, 13, 854-863.	2.8	23
93	Longâ€Lived Circularly Polarized Phosphorescence in Heliceneâ€NHC Rhenium(I) Complexes: The Influence of Helicene, Halogen, and Stereochemistry on Emission Properties. Angewandte Chemie, 2020, 132, 8472-8478.	2.0	22
94	Subtle chirality in oxo- and sulfidorhenium(v) complexes. Chemical Communications, 2009, , 4841.	4.1	21
95	A chiral rhenium complex with predicted high parity violation effects: synthesis, stereochemical characterization by VCD spectroscopy and quantum chemical calculations. Physical Chemistry Chemical Physics, 2013, 15, 10952.	2.8	21
96	Circularly Polarized Luminescence in Helicene and Helicenoid Derivatives. , 2020, , 53-97.		21
97	Chiral oxorhenium(v) complexes as candidates for the experimental observation of molecular parity violation: a structural, synthetic and theoretical study. Physical Chemistry Chemical Physics, 2010, 12, 8792.	2.8	20
98	Persistent Organic Room-Temperature Phosphorescence in Cyclohexane-trans-1,2-Bisphthalimide Derivatives: The Dramatic Impact of Heterochiral vs Homochiral interactions. Journal of Physical Chemistry Letters, 2020, 11, 6426-6434.	4.6	20
99	Pasteur and chirality: A story of how serendipity favors the prepared minds. Chirality, 2021, 33, 597-601.	2.6	20
100	Dynamics of CHFClBr and CDFClBr Inside a Thiomethylated Cryptophane, Studied by 19Fâ^'H CSA-DD Cross-Correlated Relaxation and 2H Quadrupolar Relaxation Measurements. Journal of Physical Chemistry A, 2003, 107, 10233-10240.	2.5	19
101	Slow Magnetic Relaxation in Chiral Helicene-Based Coordination Complex of Dysprosium. Magnetochemistry, 2017, 3, 2.	2.4	19
102	Synthesis of Carbo[6]helicene Derivatives Grafted with Amino or Aminoester Substituents from Enantiopure [6]Helicenyl Boronates. Journal of Organic Chemistry, 2018, 83, 484-490.	3.2	19
103	Light-Responsive Pyrazine-Based Systems: Probing Aromatic Diarylethene Photocyclization. Journal of Physical Chemistry C, 2018, 122, 19100-19109.	3.1	19
104	Title is missing!. Helvetica Chimica Acta, 2000, 83, 1209-1223.	1.6	18
105	Bimetallic Gold(I) Complexes with Ethynylâ€Helicene and Bisâ€Phosphole Ligands: Understanding the Role of Aurophilic Interactions in their Chiroptical Properties. Chemistry - A European Journal, 2016, 22, 6075-6086.	3.3	18
106	Synthesis, Spectroelectrochemical Behavior, and Chiroptical Switching of Tris(Î²-diketonato) Complexes of Ruthenium(III), Chromium(III), and Cobalt(III). Inorganic Chemistry, 2017, 56, 4555-4567.	4.0	18
107	Attrition-induced spontaneous chiral amplification of the Î³ polymorphic modification of glycine. CrystEngComm, 2015, 17, 1513-1517.	2.6	17
108	Two-Photon Absorption and Two-Photon Circular Dichroism of a Hexahelicene Derivative with a Terminal Donorâ€“Phenylâ€“Acceptor Motif. Journal of Physical Chemistry A, 2018, 122, 3365-3373.	2.5	16

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109	Chiral Transmission to Cationic Polycobaltocenes over Multiple Length Scales Using Anionic Surfactants. Journal of the American Chemical Society, 2018, 140, 7222-7231.	13.7	16
110	A kinetic resolution strategy for the synthesis of chiral octahedral NHCâ€“iridium(<scp>iii</scp>) catalysts. Chemical Communications, 2019, 55, 6058-6061.	4.1	16
111	Metalâ€Based Multihelicenic Architectures. Angewandte Chemie, 2020, 132, 23036-23052.	2.0	16
112	Axial and helical thermally activated delayed fluorescence bicarbazole emitters: opposite modulation of circularly polarized luminescence through intramolecular charge-transfer dynamics. Journal of Materials Chemistry C, 2021, 9, 11905-11914.	5.5	16
113	Enantioenriched Ruthenium-Tris-Bipyridine Complexes Bearing One Helical Bipyridine Ligand: Access to Fused Multihelicenic Systems and Chiroptical Redox Switches. Inorganic Chemistry, 2021, 60, 11838-11851.	4.0	16
114	Diastereoselective synthesis of [1]rotaxanes via an active metal template strategy. Chemical Science, 2021, 12, 2521-2526.	7.4	15
115	Carbazole Isomerism in Helical Radical Cations: Spin Delocalization and SOMOâ€“HOMO Level Inversion in the Diradical State. Journal of the American Chemical Society, 2022, 144, 7253-7263.	13.7	15
116	The Chiral Molecule CHClFI:â€‰ First Determination of Its Molecular Parameters by Fourier Transform Microwave and Millimeter-Wave Spectroscopies Supplemented by ab Initio Calculations. Journal of Physical Chemistry A, 2005, 109, 5708-5716.	2.5	14
117	Anodic Deposition of Enantiopure Hexahelicene Layers. ChemElectroChem, 2018, 5, 2080-2088.	3.4	14
118	Helical donorâ€“acceptor platinum complexes displaying dual luminescence and near-infrared circularly polarized luminescence. Dalton Transactions, 2021, 50, 13220-13226.	3.3	14
119	Siteâ€Specific Reductionâ€Induced Hydrogenation of a Helical Bilayer Nanographene with K and Rb Metals: Electron Multiaddition and Selective Rb⁺ Complexation. Angewandte Chemie - International Edition, 2022, 61, .	13.8	14
120	The near infra red (NIR) chiroptical properties of nickel dithiolene complexes. New Journal of Chemistry, 2015, 39, 122-129.	2.8	13
121	Synthesis and Structural Properties of Aza[n]helicene Platinum Complexes: Control of Cis and Trans Stereochemistry. Inorganic Chemistry, 2016, 55, 2009-2017.	4.0	13
122	Asymmetric Sequential Cuâ€Catalyzed 1,6/1,4â€Conjugate Additions of Hard Nucleophiles to Cyclic Dienones: Determination of Absolute Configurations and Origins of Enantioselectivity. Chemistry - A European Journal, 2017, 23, 7515-7525.	3.3	13
123	Slow Relaxation of the Magnetization in Bis-Decorated Chiral Helicene-Based Coordination Complexes of Lanthanides. Magnetochemistry, 2018, 4, 39.	2.4	13
124	Tunable construction of transition metal-coordinated helicene cages. Chinese Chemical Letters, 2021, 32, 3988-3992.	9.0	13
125	Triskelion-shaped iridium-helicene NHC complex. Inorganic Chemistry Frontiers, 2021, 8, 3916-3925.	6.0	13
126	Synthesis and analytical resolution of chiral pyrazoles derived from (5R)-dihydrocarvone. New Journal of Chemistry, 2009, 33, 293-299.	2.8	12

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127	Redoxâ€triggered chiroptical switching activity of ruthenium(III)â€bisâ€(Î²â€diketonato) complexes bearing a bipyridineâ€helicene ligand. Chirality, 2018, 30, 592-601.	2.6	12
128	HPLC separation and VCD spectroscopy of chiral pyrazoles derived from (5R)-dihydrocarvone. Tetrahedron: Asymmetry, 2007, 18, 1911-1917.	1.8	11
129	Regioselectivity in Tetherâ€Directed Remote Functionalization â€“ The Addition of a Cyclotriveratryleneâ€Based Trimalonate to C₆₀ Revisited. European Journal of Organic Chemistry, 2010, 2010, 4402-4411.	2.4	11
130	Redox and optically active carbohelicene layers prepared by potentiodynamic polymerization. Electrochemistry Communications, 2020, 113, 106689.	4.7	11
131	Exciton coupling chirality in helicene-porphyrin conjugates. Chemical Communications, 2021, 57, 10743-10746.	4.1	11
132	Rhodiumâ€Catalyzed Enantioselective Synthesis of Highly Fluorescent and CPLâ€Active Dispiroindeno[2,1â€c]fluorenes. Chemistry - A European Journal, 2021, 27, 11279-11284.	3.3	11
133	Helical Chiral Nâ€Heterocyclic Carbene Ligands in Enantioselective Gold Catalysis. Chemistry - A European Journal, 2022, 28, .	3.3	11
134	Optical Activity of Spinâ€Forbidden Electronic Transitions in Metal Complexes from Timeâ€Dependent Density Functional Theory with Spinâ€Orbit Coupling. ChemistryOpen, 2022, 11, e202200020.	1.9	11
135	New Chiral Cyclooctatriene-Based Polycyclic Architectures. Organic Letters, 2011, 13, 4450-4453.	4.6	10
136	Rhenium complexes bearing phospholeâ€“pyridine chelates: simple molecules with large chiroptical properties. Chemical Communications, 2012, 48, 6705.	4.1	10
137	Synthesis and chiroptical properties of organometallic complexes of helicenic N â€heterocyclic carbenes. Chirality, 2019, 31, 1005-1013.	2.6	10
138	Enantiopure, luminescent, cyclometalated Ir(iii) complexes with N-heterocyclic carbene-naphthalimide chromophore: design, vibrational circular dichroism and TD-DFT calculations. Dalton Transactions, 2022, , .	3.3	10
139	Resolution and absolute configuration of bromofluoroacetic acid. Tetrahedron: Asymmetry, 2002, 13, 975-981.	1.8	9
140	Enantioseparation on Riboflavin Derivatives Chemically Bonded to Silica Gel as Chiral Stationary Phases for HPLC. Chirality, 2015, 27, 507-517.	2.6	9
141	Helically Chiral NHCâ€Gold(I) Complexes: Synthesis, Chiroptical Properties and Electronic Features of the [5]Heliceneâ€Imidazolylidene Ligand. European Journal of Organic Chemistry, 2021, 2021, 4769-4776.	2.4	9
142	Circular differential scattering of polarized light by a chiral random medium. Physical Review A, 2012, 85, .	2.5	8
143	Luminescent Chiral Exciplexes with Skyâ€Blue and Green Circularly Polarizedâ€Thermally Activated Delayed Fluorescence. Chemistry - A European Journal, 2021, 27, 16505-16511.	3.3	8
144	Dinuclear Rhenium Complexes with a Bridging Heliceneâ€bisâ€bipyridine Ligand: Synthesis, Structure, and Photophysical and Chiroptical Properties. ChemPlusChem, 2020, 85, 2446-2454.	2.8	7

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167	Frontispiece: Longâ€Lived Circularly Polarized Phosphorescence in Heliceneâ€NHC Rhenium(I) Complexes: The Influence of Helicene, Halogen, and Stereochemistry on Emission Properties. Angewandte Chemie - International Edition, 2020, 59, .	13.8	0
168	RÃ¼cktitelbild: Siteâ€Specific Reductionâ€Induced Hydrogenation of a Helical Bilayer Nanographene with K and Rb Metals: Electron Multiaddition and Selective Rb⁺ Complexation (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.8	0