

# Jeanne Crassous

## List of Publications by Citations

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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.

159 papers	5,640 citations	40 h-index	69 g-index
191 ext. papers	6,814 ext. citations	7.6 avg, IF	6.14 L-index

#	Paper	IF	Citations
159	Chiral transfer in coordination complexes: towards molecular materials. <i>Chemical Society Reviews</i> , <b>2009</b> , 38, 830-45	58.5	337
158	Enantioenriched Helicenes and Helicenoids Containing Main-Group Elements (B, Si, N, P). <i>Chemical Reviews</i> , <b>2019</b> , 119, 8846-8953	68.1	188
157	pi-Conjugated phosphole derivatives: synthesis, optoelectronic functions and coordination chemistry. <i>Dalton Transactions</i> , <b>2008</b> , 6865-76	4.3	170
156	Helicene-based transition metal complexes: synthesis, properties and applications. <i>Chemical Science</i> , <b>2014</b> , 5, 3680	9.4	160
155	Transfer of chirality from ligands to metal centers: recent examples. <i>Chemical Communications</i> , <b>2012</b> , 48, 9684-92	5.8	158
154	Absolute Configuration of Bromochlorofluoromethane from Experimental and Ab Initio Theoretical Vibrational Raman Optical Activity. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 885-887		151
153	Acid/base-triggered switching of circularly polarized luminescence and electronic circular dichroism in organic and organometallic helicenes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 1673-81	4.8	126
152	Metallahelicenes: easily accessible helicene derivatives with large and tunable chiroptical properties. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 99-102	16.4	126
151	Metal-bis(helicene) assemblies incorporating pi-conjugated phosphole-azahelicene ligands: impacting chiroptical properties by metal variation. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 3183-5	16.4	120
150	Synthesis of a Helical Bilayer Nanographene. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 6774-6779	16.4	112
149	Enantiopure Cycloiridiated Complexes Bearing a Pentahelicenic N-Heterocyclic Carbene and Displaying Long-Lived Circularly Polarized Phosphorescence. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8236-8239	16.4	110
148	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> , <b>2012</b> , 134, 15628-31	16.4	108
147	Progress toward the first observation of parity violation in chiral molecules by high-resolution laser spectroscopy. <i>Chirality</i> , <b>2010</b> , 22, 870-84	2.1	105
146	Helicene quinones: redox-triggered chiroptical switching and chiral recognition of the semiquinone radical anion lithium salt by electron nuclear double resonance spectroscopy. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 13045-52	16.4	103
145	Straightforward access to mono- and bis-cycloplatinated helicenes that display circularly polarized phosphorescence using crystallization resolution methods. <i>Chemical Science</i> , <b>2014</b> , 5, 1915-1927	9.4	99
144	Preparation of Enantiomerically Pure C76 with a General Electrochemical Method for the Removal of Di(alkoxycarbonyl)methano Bridges from Methanofullerenes: The Retro-Bingel Reaction. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 1919-1922	16.4	99
143	Helicene-based chiroptical switches. <i>Comptes Rendus Chimie</i> , <b>2016</b> , 19, 39-49	2.7	96

142	Chemistry of C : Separation of Three Constitutional Isomers and Optical Resolution of D -C by Using the "Bingel-Retro-Bingel" Strategy. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 1613-1617	16.4	87
141	Exciton coupling in diketopyrrolopyrrole-helicene derivatives leads to red and near-infrared circularly polarized luminescence. <i>Chemical Science</i> , <b>2018</b> , 9, 735-742	9.4	82
140	Synthesis and chiral recognition ability of helical polyacetylenes bearing helicene pendants. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 4909	4.9	77
139	Redox Characteristics of Covalent Derivatives of the Higher Fullerenes C70, C76, and C78. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 7860-7868	16.4	77
138	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> , <b>2011</b> , 133, 3800-3	16.4	75
137	Assembly of pi-conjugated phosphole azahelicene derivatives into chiral coordination complexes: an experimental and theoretical study. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 5976-6005	4.8	75
136	Lemniscular [16]Cycloparaphenylene: A Radially Conjugated Figure-Eight Aromatic Molecule. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 7421-7427	16.4	73
135	Recent experimental and theoretical developments towards the observation of parity violation (PV) effects in molecules by spectroscopy. <i>Organic and Biomolecular Chemistry</i> , <b>2005</b> , 3, 2218-24	3.9	73
134	enantio-Enriched CPL-active helicene-bipyridine-rhenium complexes. <i>Chemical Communications</i> , <b>2015</b> , 51, 3754-7	5.8	70
133	Conformational changes and chiroptical switching of enantiopure bis-helical terpyridine upon Zn(2+) binding. <i>Chemical Communications</i> , <b>2016</b> , 52, 5932-5	5.8	69
132	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> , <b>2017</b> , 23, 407-418	4.8	68
131	Absolute Configuration of Bromochlorofluoromethane From Molecular Dynamics Simulation of Its Enantioselective Complexation by Cryptophane-C. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 3818-3823	16.4	67
130	Ethylenedithio-tetrathiafulvalene-helicenes: electroactive helical precursors with switchable chiroptical properties. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 13160-7	4.8	63
129	Chiral trialkanolamine-based hemicryptophanes: synthesis and oxovanadium complex. <i>Organic Letters</i> , <b>2005</b> , 7, 1207-10	6.2	63
128	Multifunctional and reactive enantiopure organometallic helicenes: tuning chiroptical properties by structural variations of mono- and bis(platinahelicene)s. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 14178-98	4.8	56
127	Chiral multifunctional molecules based on organometallic helicenes: Recent advances. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 376, 533-547	23.2	56
126	Synthesis of a Helical Bilayer Nanographene. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 6890-6895	3.6	55
125	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> , <b>2016</b> , 55, 8062-6	16.4	55

- 124 Enantiopure versus Racemic Naphthalimide End-Capped Helicenic Non-fullerene Electron Acceptors: Impact on Organic Photovoltaics Performance. *Chemistry - A European Journal*, **2017**, 23, 6277-6281 4.8 47
- 123 Chlorofluoroiodomethane as a potential candidate for parity violation measurements. *Physical Chemistry Chemical Physics*, **2006**, 8, 79-92 3.6 46
- 122 Maximizing Chiral Perturbation on Thermally Activated Delayed Fluorescence Emitters and Elaboration of the First Top-Emission Circularly Polarized OLED. *Advanced Functional Materials*, **2020**, 30, 2004838 15.6 42
- 121 Improved slow magnetic relaxation in optically pure helicene-based Dy single molecule magnets. *Chemical Communications*, **2016**, 52, 14474-14477 5.8 41
- 120 Search for resolution of chiral fluorohalogenomethanes and parity-violation effects at the molecular level. *ChemPhysChem*, **2003**, 4, 541-8 3.2 41
- 119 Chiral and extended  $\pi$ -conjugated bis(2-pyridyl)phospholes as assembling N,P,N pincers for coordination-driven synthesis of supramolecular [2,2]paracyclophane analogues. *Chemistry - A European Journal*, **2011**, 17, 1337-51 4.8 40
- 118 Metallahelicenes: Easily Accessible Helicene Derivatives with Large and Tunable Chiroptical Properties. *Angewandte Chemie*, **2010**, 122, 103-106 3.6 40
- 117 Modulation of circularly polarized luminescence through excited-state symmetry breaking and interbranched exciton coupling in helical push-pull organic systems. *Chemical Science*, **2020**, 11, 567-576 9.4 40
- 116 Triplet state CPL active helicene-dithiolen platinum bipyridine complexes. *Chemical Communications*, **2017**, 53, 9210-9213 5.8 39
- 115 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 39
- 114 Ruthenium-Grafted Vinylhelicenes: Chiroptical Properties and Redox Switching. *Chemistry - A European Journal*, **2015**, 21, 17100-15 4.8 38
- 113 Chiral Organic Cages with a Triple-Stranded Helical Structure Derived from Helicene. *Journal of the American Chemical Society*, **2018**, 140, 2769-2772 16.4 37
- 112 Assembly of helicene-capped N,P,N,P,N-helicands within Cu(I) helicates: impacting chiroptical properties by ligand-ligand charge transfer. *Angewandte Chemie - International Edition*, **2013**, 52, 1968-72 16.4 37
- 111 Stereoselective coordination of ditopic phospholyl-azahelicenes: a novel approach towards structural diversity in chiral  $\pi$ -conjugated assemblies. *Chemical Communications*, **2008**, 850-2 5.8 37
- 110 Enantiopure Cycloiridiated Complexes Bearing a Pentahelicenic N-Heterocyclic Carbene and Displaying Long-Lived Circularly Polarized Phosphorescence. *Angewandte Chemie*, **2017**, 129, 8348-8351 3.6 35
- 109 Regioselective one-step synthesis of trans-3,trans-3,trans-3 and e,e,e [60]fullerene tris-adducts directed by a C3-symmetrical cyclotrimeratrylene tether. *Chemical Communications*, **1999**, 1121-1122 5.8 35
- 108 Helicene-grafted vinyl- and carbene-osmium complexes: an example of acid-base chiroptical switching. *Chemical Communications*, **2014**, 50, 2854-6 5.8 33
- 107 Chiroptical properties of carbo[6]helicene derivatives bearing extended  $\pi$ -conjugated cyano substituents. *Chirality*, **2013**, 25, 455-65 2.1 31

106	Triggering Emission with the Helical Turn in Thiadiazole-Helicenes. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 437-446	4.8	31
105	Herstellung von enantiomerenreinem C76 durch Retro-Bingel-Reaktion. <i>Angewandte Chemie</i> , <b>1998</b> , 110, 2022-2025	3.6	30
104	Preparation of (+)-chlorofluoriodomethane, determination of its enantiomeric excess and of its absolute configuration. <i>Tetrahedron: Asymmetry</i> , <b>2004</b> , 15, 1995-2001		30
103	Absolute configuration of C76 from optical rotatory dispersion. <i>ChemPhysChem</i> , <b>2005</b> , 6, 2535-40	3.2	30
102	Bis-4-aza[6]helicene: A Bis-helicenic 2,2'-Bipyridine with Chemically Triggered Chiroptical Switching Activity. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 5383-5393	4.2	28
101	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> , <b>2020</b> , 59, 8394-8400	16.4	28
100	Visible Light Chiral Photoinitiator for Radical Polymerization and Synthesis of Polymeric Films with Strong Chiroptical Activity. <i>Macromolecules</i> , <b>2018</b> , 51, 5628-5637	5.5	28
99	Synthesis and vibrational circular dichroism of enantiopure chiral oxorhenium(V) complexes containing the hydrotris(1-pyrazolyl)borate ligand. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 10230-9	5.1	28
98	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> , <b>2013</b> , 19, 16722-8	4.8	27
97	Aza[6]helicene platinum complexes: chirality control of cis-trans isomerism. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 5786-90	16.4	26
96	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> , <b>2015</b> , 5, 17429-17437	3.7	26
95	Pressure-controlled aggregation in carboxylic acids. A case study on the polymorphism of bromochlorofluoroacetic acid. <i>CrystEngComm</i> , <b>2009</b> , 11, 2668	3.3	26
94	Gas chromatographic enantiomer separation of bromochlorofluoromethane. <i>Tetrahedron: Asymmetry</i> , <b>1995</b> , 6, 87-88		26
93	Achieving high circularly polarized luminescence with push-pull helicenic systems: from rationalized design to top-emission CP-OLED applications. <i>Chemical Science</i> , <b>2021</b> , 12, 5522-5533	9.4	24
92	Gas-chromatographic separation of tri(hetero)halogenomethane enantiomers. <i>Chirality</i> , <b>2005</b> , 17, 488-93	3.1	23
91	Dual Redox and Optical Control of Chiroptical Activity in Photochromic Dithienylethenes Decorated with Hexahelicene and Bis-Ethynyl-Ruthenium Units. <i>Organometallics</i> , <b>2018</b> , 37, 697-705	3.8	22
90	Electronic and chiroptical properties of chiral cycloiridiated complexes bearing helicenic NHC ligands. <i>Chemical Communications</i> , <b>2016</b> , 52, 9243-6	5.8	22
89	Iron Alkynyl Helicenes: Redox-Triggered Chiroptical Tuning in the IR and Near-IR Spectral Regions and Suitable for Telecommunications Applications. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8194-8198	3.6	22

88	Tetrathiafulvalene-Based Helicene Ligand in the Design of a Dysprosium Field-Induced Single-Molecule Magnet. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 52-56	5.1	22
87	Dissymmetrical U-shaped $\pi$ -stacked supramolecular assemblies by using a dinuclear Cu(I) clip with organophosphorus ligands and monotopic fully $\pi$ -conjugated ligands. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 14853-67	4.8	21
86	High resolution spectroscopy of methyltrioxorhenium: towards the observation of parity violation in chiral molecules. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 854-63	3.6	20
85	Subtle chirality in oxo- and sulfidorhenium(v) complexes. <i>Chemical Communications</i> , <b>2009</b> , 4841-3	5.8	20
84	Die Chemie von C84: Trennung von drei Konstitutionsisomeren des Fullerenes C84 und der Enantiomere von D2-C84 durch die Bingel-Retro-Bingel-Strategie. <i>Angewandte Chemie</i> , <b>1999</b> , 111, 1716-1721	3.6	20
83	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> , <b>2020</b> ,	16.4	20
82	Large-Scale Synthesis of Helicene-Like Molecules for the Design of Enantiopure Thin Films with Strong Chiroptical Activity. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 3333-3346	4.8	20
81	An Enantiopure Cyclometallated Iridium Complex Displaying Long-Lived Phosphorescence both in Solution and in the Solid State. <i>Helvetica Chimica Acta</i> , <b>2019</b> , 102, e1900044	2	19
80	Phosphahelicenes: From Chiroptical and Photophysical Properties to OLED Applications. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 5303-5310	4.8	19
79	Redox-Active Chiroptical Switching in Mono- and Bis-Iron Ethynylcarbo[6]helicenes Studied by Electronic and Vibrational Circular Dichroism and Resonance Raman Optical Activity. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 15067-15079	4.8	19
78	Helicenes Grafted with 1,1,4,4-Tetracyanobutadiene Moieties: $\pi$ -Helical Push-Pull Systems with Strong Electronic Circular Dichroism and Two-Photon Absorption. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 14484-14494	4.8	19
77	Helicene-derived aggregation-induced emission conjugates with highly tunable circularly polarized luminescence. <i>Materials Chemistry Frontiers</i> , <b>2020</b> , 4, 837-844	7.8	19
76	Synthesis, Spectroelectrochemical Behavior, and Chiroptical Switching of Tris( $\beta$ -diketonato) Complexes of Ruthenium(III), Chromium(III), and Cobalt(III). <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 4556-4568	5.1	18
75	Metal-Based Multihelicenic Architectures. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 22840-22856	28.4	18
74	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> , <b>2014</b> , 20, 1081-90	4.8	18
73	A chiral rhenium complex with predicted high parity violation effects: synthesis, stereochemical characterization by VCD spectroscopy and quantum chemical calculations. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 10952-9	3.6	18
72	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> , <b>2010</b> , 12, 8792-803	3.6	18
71	Dynamics of CHFClBr and CDFClBr Inside a Thiomethylated Cryptophane, Studied by 19F-1H CSA-DD Cross-Correlated Relaxation and 2H Quadrupolar Relaxation Measurements. <i>Journal of Physical Chemistry A</i> , <b>2003</b> , 107, 10233-10240	2.8	18



70	Helicenic Complexes of Lanthanides: Influence of the f-Element on the Intersystem Crossing Efficiency and Competition between Luminescence and Oxygen Sensitization. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 118-125	2.3	18
69	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> , <b>2013</b> , 125, 2022-2026	3.6	16
68	Oxidative cyclo-rearrangement of helicenes into chiral nanographenes. <i>Nature Communications</i> , <b>2021</b> , 12, 2786	17.4	16
67	3D Coumarin Systems Based on [2.2]Paracyclophane: Synthesis, Spectroscopic Characterization, and Chiroptical Properties. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 888-899	4.2	15
66	Attrition-induced spontaneous chiral amplification of the $\beta$ -polymorphic modification of glycine. <i>CrystEngComm</i> , <b>2015</b> , 17, 1513-1517	3.3	14
65	The chiral molecule CHClFI: first determination of its molecular parameters by Fourier transform microwave and millimeter-wave spectroscopies supplemented by ab initio calculations. <i>Journal of Physical Chemistry A</i> , <b>2005</b> , 109, 5708-16	2.8	14
64	Regioselective One-Step Synthesis and Topological Chirality of trans-3, trans-3,trans-3 and e,e,e [60]Fullerene-Cyclotrimeratrylene Tris-adducts: Discussion on a Topological meso-Form. <i>Helvetica Chimica Acta</i> , <b>2000</b> , 83, 1209-1223	2	14
63	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> , <b>2016</b> , 22, 6075-86	4.8	14
62	Chiral Diketopyrrolopyrrole-Helicene Polymer With Efficient Red Circularly Polarized Luminescence. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 237	5	14
61	Synthesis of Carbo[6]helicene Derivatives Grafted with Amino or Aminoester Substituents from Enantiopure [6]Helicenyl Boronates. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 484-490	4.2	14
60	Slow Magnetic Relaxation in Chiral Helicene-Based Coordination Complex of Dysprosium. <i>Magnetochemistry</i> , <b>2017</b> , 3, 2	3.1	13
59	Absolute configuration and host-guest binding of chiral porphyrin-cages by a combined chiroptical and theoretical approach. <i>Nature Communications</i> , <b>2020</b> , 11, 4776	17.4	13
58	Asymmetric Sequential Cu-Catalyzed 1,6/1,4-Conjugate Additions of Hard Nucleophiles to Cyclic Dienones: Determination of Absolute Configurations and Origins of Enantioselectivity. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 7515-7525	4.8	12
57	A kinetic resolution strategy for the synthesis of chiral octahedral NHC-iridium(iii) catalysts. <i>Chemical Communications</i> , <b>2019</b> , 55, 6058-6061	5.8	12
56	Two-Photon Absorption and Two-Photon Circular Dichroism of a Hexahelicene Derivative with a Terminal Donor-Phenyl-Acceptor Motif. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 3365-3373	2.8	12
55	Synthesis and analytical resolution of chiral pyrazoles derived from (5R)-dihydrocarvone. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 293-299	3.6	12
54	Helicene-Based Ligands Enable Strong Magneto-Chiral Dichroism in a Chiral Ytterbium Complex. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 2671-2675	16.4	12
53	Persistent Organic Room-Temperature Phosphorescence in Cyclohexane--1,2-Bisphthalimide Derivatives: The Dramatic Impact of Heterochiral vs Homochiral interactions. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 6426-6434	6.4	11

52	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> , <b>2020</b> , 132, 8472-8478	3.6	10
51	Light-Responsive Pyrazine-Based Systems: Probing Aromatic Diarylethene Photocyclization. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 19100-19109	3.8	10
50	The near infra red (NIR) chiroptical properties of nickel dithiolene complexes. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 122-129	3.6	10
49	HPLC separation and VCD spectroscopy of chiral pyrazoles derived from (5R)-dihydrocarvone. <i>Tetrahedron: Asymmetry</i> , <b>2007</b> , 18, 1911-1917		10
48	Circularly Polarized Luminescence in Helicene and Helicenoid Derivatives <b>2020</b> , 53-97		10
47	Slow Relaxation of the Magnetization in Bis-Decorated Chiral Helicene-Based Coordination Complexes of Lanthanides. <i>Magnetochemistry</i> , <b>2018</b> , 4, 39	3.1	10
46	Redox-triggered chiroptical switching activity of ruthenium(III)-bis-(Ediketonato) complexes bearing a bipyridine-helicene ligand. <i>Chirality</i> , <b>2018</b> , 30, 592-601	2.1	10
45	Chiral Transmission to Cationic Polycobaltocenes over Multiple Length Scales Using Anionic Surfactants. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 7222-7231	16.4	10
44	Anodic Deposition of Enantiopure Hexahelicene Layers. <i>ChemElectroChem</i> , <b>2018</b> , 5, 2080-2088	4.3	9
43	Synthesis and Structural Properties of Aza[n]helicene Platinum Complexes: Control of Cis and Trans Stereochemistry. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 2009-17	5.1	9
42	Aza[6]helicene Platinum Complexes: Chirality Control of cis/trans Isomerism. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 5896-5900	3.6	9
41	Enantioseparation on Riboflavin Derivatives Chemically Bonded to Silica Gel as Chiral Stationary Phases for HPLC. <i>Chirality</i> , <b>2015</b> , 27, 507-17	2.1	8
40	Rhenium complexes bearing phosphole-pyridine chelates: simple molecules with large chiroptical properties. <i>Chemical Communications</i> , <b>2012</b> , 48, 6705-7	5.8	8
39	New chiral cyclooctatriene-based polycyclic architectures. <i>Organic Letters</i> , <b>2011</b> , 13, 4450-3	6.2	8
38	Circularly Polarized Fluorescent Helicene-Boranils: Synthesis, Photophysical and Chiroptical Properties. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 7959-7967	4.8	8
37	Distance Matters: Biasing Mechanism, Transfer of Asymmetry, and Stereomutation in N-Annulated Perylene Bisimide Supramolecular Polymers. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 13281-13291	16.4	8
36	Circular differential scattering of polarized light by a chiral random medium. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	7
35	Resolution and absolute configuration of bromofluoroacetic acid. <i>Tetrahedron: Asymmetry</i> , <b>2002</b> , 13, 975-981		7



34	Why is the Energy of the Singly Occupied Orbital in Some Radicals below the Highest Occupied Orbital Energy?. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 3678-3691	9.6	7
33	Metal-Based Multiheligenic Architectures. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 23036-23052	3.6	6
32	Redox and optically active carbohelicene layers prepared by potentiodynamic polymerization. <i>Electrochemistry Communications</i> , <b>2020</b> , 113, 106689	5.1	5
31	Synthesis and chiroptical properties of organometallic complexes of helicenic N-heterocyclic carbenes. <i>Chirality</i> , <b>2019</b> , 31, 1005-1013	2.1	5
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29	An oxorhenium complex bearing a chiral cyclohexane-1-olato-2-thiolato ligand: Synthesis, stereochemistry, and theoretical study of parity violation vibrational frequency shifts. <i>Chirality</i> , <b>2018</b> , 30, 147-156	2.1	5
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22	Axial and helical thermally activated delayed fluorescence bicarbazole emitters: opposite modulation of circularly polarized luminescence through intramolecular charge-transfer dynamics. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 11905-11914	7.1	3
21	Valence-shell photoelectron circular dichroism of ruthenium(III)-tris-(acetylacetonato) gas-phase enantiomers. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 24140-24153	3.6	3
20	Exciton coupling chirality in helicene-porphyrin conjugates. <i>Chemical Communications</i> , <b>2021</b> , 57, 10743-10746	9.46	3
19	Helical donor-acceptor platinum complexes displaying dual luminescence and near-infrared circularly polarized luminescence. <i>Dalton Transactions</i> , <b>2021</b> , 50, 13220-13226	4.3	3
18	Pasteur and chirality: A story of how serendipity favors the prepared minds. <i>Chirality</i> , <b>2021</b> , 33, 597-601	2.1	3
17	Reversible Stereodivergent Cycloaddition of Racemic Helicenes to [60]Fullerene: A Chiral Resolution Strategy. <i>Organic Letters</i> , <b>2018</b> , 20, 1764-1767	6.2	2

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14	Tunable construction of transition metal-coordinated helicene cages. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 3988-3988	8.1	2
13	Triskelion-shaped iridium-helicene NHC complex. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 3916-3925	6.8	2
12	Site-Specific Reduction-Induced Hydrogenation of a Helical Bilayer Nanographene with K and Rb Metals: Electron Multiaddition and Selective Rb <sup>+</sup> Complexation. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	2
11	Synthesis and Properties of Partially Saturated Fluorenyl-Derived [n]Helicenes Featuring an Overcrowded Alkene. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 7722-7730	4.8	1
10	Allosteric Guest Binding in Chiral Zirconium(IV) Double Decker Porphyrin Cages. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 607-617	3.2	1
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8	Key intermediates in cyclotrimeratrylene chemistry: A new route to the enantiomers of C3-cyclotriphenylene and cryptophane-C <b>1997</b> , 9, 446		1
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5	Flavin-Helicene Amphiphilic Hybrids: Synthesis, Characterization, and Preparation of Surface-Supported Films. <i>ChemPlusChem</i> , <b>2021</b> , 86, 982-990	2.8	0
4	Chemical Synthesis of [H]-Ethyl Tosylate and Exploration of Its Crypto-optically Active Character Combining Complementary Spectroscopic Tools. <i>Organic Letters</i> , <b>2020</b> , 22, 8846-8849	6.2	
3	In memory of Professor Andr��Collet. <i>Chirality</i> , <b>2010</b> , 22, 863-863	2.1	
2	Electrogyration in CHBrClF chromophores stimulated by circularly polarized light. <i>Journal of Modern Optics</i> , <b>2005</b> , 52, 1743-1750	1.1	
1	Absolute configuration of a [1]rotaxane determined from vibrational and electronic circular dichroism spectra. <i>Chirality</i> , <b>2021</b> , 33, 773-782	2.1	