

Chiroptical Properties of Symmetric Double, Triple, and

Chemical Reviews

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Access to benzo-fused aza[7]helicene <i>via</i> unexpected indolization of alkyne-amine. Organic Chemistry Frontiers, 2021, 8, 5336-5344.	4.5	5
2	A computational study of the vibronic effects on the electronic spectra and the photophysics of aza[7]helicene. Physical Chemistry Chemical Physics, 2021, 23, 16551-16563.	2.8	12
3	One- and two-electron reduction of triarylborane-based helical donor-acceptor compounds. Chemical Science, 2021, 12, 11864-11872.	7.4	10
4	How the Magnetic Field Impacts the Chiroptical Activities of Helical Copper Enantiomers. New Journal of Chemistry, 0, , .	2.8	0
5	Synthesis of thiophene-fused porphyrin dimers as effective π -extended helical chromophores. Chemical Communications, 2021, 57, 9606-9609.	4.1	7
6	Induced axial chirality by a tight belt: naphthalene chromophores fixed in a 2,5-substituted cofacial <i>para</i> -phenylene-ethynylene framework. Journal of Materials Chemistry C, 2021, 9, 16199-16207.	5.5	0
7	Construction of helical structures with planar chiral [2.2]paracyclophane: fusing helical and planar chiralities. Chemical Communications, 2021, 57, 9256-9259.	4.1	22
8	Sulfur-Doped Nanographenes Containing Multiple Subhelicenes. Organic Letters, 2021, 23, 2069-2073.	4.6	13
9	Coumarin (5,6-Benzo-2-pyrone) Trapping of an HDDA-Benzyne. Organic Letters, 2021, 23, 2189-2193.	4.6	4
10	Toward Zigzag-Edged Helical Nanographene Based on [7]Helicene. Chemistry - an Asian Journal, 2021, 16, 1216-1220.	3.3	1
11	Synthesis, Structure, and Chiroptical Properties of Indolo- and Pyridopyrrolo-Carbazole-Based C_{2v} -Symmetric Azahelicenes. Chemistry - A European Journal, 2021, 27, 7356-7361.	3.3	12
12	A Helicene-Based Molecular Semiconductor Enables 85 $^{\circ}$ C Stable Perovskite Solar Cells. ACS Energy Letters, 2021, 6, 1764-1772.	17.4	31
13	Rhodium-Catalyzed Enantioselective Synthesis, Structures, and Properties of Single and Double Azahelicene-Like Molecules. Chemistry - A European Journal, 2021, 27, 9313-9319.	3.3	13
14	Triple Oxa[7]helicene with Circularly Polarized Luminescence: Enhancing the Dissymmetry Factors via Helicene Subunit Multiplication. Organic Letters, 2021, 23, 4559-4563.	4.6	32
15	Deep-red circularly polarised luminescent C70 derivatives. Scientific Reports, 2021, 11, 12072.	3.3	8
16	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
17	Sulfurane [S(IV)]-Mediated Fusion of Benzyne Leads to Helical Dibenzofurans. Journal of the American Chemical Society, 2021, 143, 13501-13506.	13.7	16
18	An Ortho-Tetraphenylene-Based α -Gel Architecture Consisting Exclusively of 52 sp^2 -Hybridized $C_{3.3}$ Atoms. Chemistry - A European Journal, 2021, 27, 13258-13267.	3.3	3

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19	Inâ€Fjordan Substitution in Expanded Helicenes: Effects of the Insert on the Inversion Barrier and Helical Pitch. Chemistry - A European Journal, 2021, 27, 13358-13366.	3.3	12
20	Imide-Functionalized Helical PAHs: A Step towards New Chiral Functional Materials. Synlett, 2021, 32, 1879-1890.	1.8	7
21	Magnetic Circularly Polarized Luminescence in the Photoexcited States of Racemic [n]Helicenes (n=3â€“5,7) in Tetrahydrofuran and Dimethyl Sulfoxide Solutions. ChemPhysChem, 2021, 22, 2058-2062.	2.1	1
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24	Enantiopure Double <i>ortho</i>-Oligophenylethynyleneâ€Based Helical Structures with Circularly Polarized Luminescence Activity. ChemPhotoChem, 2022, 6, .	3.0	5
25	Multiple Helicenes Featuring Synthetic Approaches and Molecular Structures. Chemistry Letters, 2021, 50, 1913-1932.	1.3	41
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28	Helical Oligophenylene Linked with [2.2]Paracyclophane: Stereogenic Î€Conjugated Dye for Highly Emissive Chiroptical Properties. Chemistry - A European Journal, 2021, 27, 16225-16231.	3.3	17
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30	Transformation from triple helicene to double helicene embedding adjacent stereogenic carbon atoms and axial stereogenicity. Chemical Communications, 2021, 57, 6600-6603.	4.1	2
31	X-shaped thiadiazole-containing double [7]heterohelicene with strong chiroptical response and Î€stacked homochiral assembly. Chemical Communications, 2021, 57, 5566-5569.	4.1	10
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35	Double Î€Extended Helicene Derivatives Containing Pentagonal Rings: Synthesis, Crystal Analyses, and Photophysics. Journal of Organic Chemistry, 2021, 86, 17535-17542.	3.2	19
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37	B,N-Embedded Double Hetero[7]helicenes with Strong Chiroptical Responses in the Visible Light Region. <i>Journal of the American Chemical Society</i> , 2021, 143, 17958-17963.	13.7	150
38	Five-Fold Symmetric Pentaindolo- and Pentakis(benzoindolo)Corannulenes: Unique Structural Dynamics Derived from the Combination of Helical and Bowl Inversions. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	5
39	X _n ...X Halogen Bond-Induced Supramolecular Helices. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	25
40	Red-Green-Blue-Yellow (RGBY) Magnetic Circularly Polarised Luminescence (MCPL) from Optically Inactive Phosphorescent Ir(III) Complexes. <i>ChemistrySelect</i> , 2021, 6, 11182-11187.	1.5	7
41	X _n ...X Halogen Bond-Induced Supramolecular Helices. <i>Angewandte Chemie</i> , 0, , .	2.0	4
42	Five-Fold Symmetric Pentaindolo- and Pentakis(benzoindolo)Corannulenes: Unique Structural Dynamics Derived from the Combination of Helical and Bowl Inversions. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	15
43	Synthesis, Structures, and Properties of Helically Fused Anthraquinones with Unusually Close Carbonyl-Carbonyl Contacts. <i>Chemistry - A European Journal</i> , 2021, , .	3.3	3
44	Helical Chirality of Ferrocene Moieties in Cyclic Ferrocene-Peptide Conjugates. <i>European Journal of Inorganic Chemistry</i> , 0, , .	2.0	9
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46	Insight into Regioselective Control in Aerobic Oxidative C-H/C-H Coupling for C3-Arylation of Benzothiophenes: Toward Structurally Nontraditional OLED Materials. <i>Journal of the American Chemical Society</i> , 2021, 143, 21066-21076.	13.7	28
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48	Ultraviolet Light Detectable Circularly Polarized Room Temperature Phosphorescence in Chiral Naphthalimide Self-Assemblies. <i>ACS Nano</i> , 2021, 15, 20192-20202.	14.6	30
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51	An S-shaped double helicene showing both multi-resonance thermally activated delayed fluorescence and circularly polarized luminescence. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4861-4870.	5.5	23
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56	Dissymmetric Chiral Poly(diphenylacetylene)s: Secondary Structure Elucidation and Dynamic Luminescence. <i>Angewandte Chemie - International Edition</i> , 2022, , .	13.8	18
57	A Near-Infrared Absorbing and Emissive Quadruple Helicene Enabled by the Scholl Reaction of Perylene. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	50
58	Bottom-up supramolecular assembly in two dimensions. <i>Chemical Science</i> , 2022, 13, 3057-3068.	7.4	30
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61	Dissymmetric Chiral Poly(diphenylacetylene)s: Secondary Structure Elucidation and Dynamic Luminescence. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	5
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63	Enantioselective Recognition of Helicenes by a Tailored Chiral Benzo[ghi]perylene Trisimide - Scaffold. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	6
64	Enantioselective Recognition of Helicenes by a Tailored Chiral Benzo[ghi]perylene Trisimide - Scaffold. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	14
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67	Helicity Modulation in NIR-Absorbing Porphyrin-Peryleneimides. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	9
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82	Chirality of Perylene Diimides: Design Strategies and Applications. Angewandte Chemie, 2022, 134, .	2.0	8
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89	Enantioselective Synthesis of Dithia[5]helicenes and their Postsynthetic Functionalization to Access Dithia[9]helicenes. Angewandte Chemie, 2022, 134, .	2.0	0
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98	Binaphthylâ€Bridged Pyrenophanes: Intense Circularly Polarized Luminescence Based on a<i>D</i>₂Symmetry Strategy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	30
99	Tunable Circularly Polarized Luminescence from Inorganic Chiral Photonic Crystals Doped with Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	28
100	A boron dipyrromethene chiral at boron and carbon with a bent geometry: synthesis, resolution and chiroptical properties. <i>Chemical Communications</i> , 2022, 58, 7188-7191.	4.1	5
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104	Helically Twisted Nanoribbons Based on Emissive Near-Infrared Responsive Quaterylene Bisimides. <i>Journal of the American Chemical Society</i> , 2022, 144, 10507-10514.	13.7	23
105	Localized Antiaromaticity Hotspot Drives Reductive Dehydrogenative Cyclizations in Bis- and Mono-Helicenes. <i>Journal of the American Chemical Society</i> , 2022, 144, 12321-12338.	13.7	15
106	Sulfurâ€Doped Quintuple [9]heliceneÂwith Azacorannulene as Core. <i>Angewandte Chemie</i> , 0, , .	2.0	6
107	Sulfurâ€Doped Quintuple [9]Helicene with Azacorannulene as Core. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	14
108	Boosting Circularly Polarized Luminescence Performance by a Double π -Helix and Heteroannulation. <i>Journal of the American Chemical Society</i> , 2022, 144, 11397-11404.	13.7	50

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116	Discrete Macrocycles with Fixed Chirality and Two Distinct Sides: Dipoleâ€“Dependent Chiroptical Response. Angewandte Chemie - International Edition, 2022, 61, .	13.8	14
117	A Conductive Molecular Semiconductor Composite with Over 160Â° Glass Transition Temperature for Heatâ€“Resistant Perovskite Solar Cells. Advanced Electronic Materials, 0, , 2200425.	5.1	2
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137	Chiral Open-[60]Fullerene Ligands with Giant Dissymmetry Factors. <i>Journal of the American Chemical Society</i> , 2022, 144, 18829-18833.	13.7	10
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