

Chengshuo Shen

List of Publications by Year in descending order

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29
papers

1,317
citations

430874

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28
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docs citations

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times ranked

1479
citing authors

#	ARTICLE	IF	CITATIONS
1	Helical Conformation Tunability via Hydrogen Bonding in Supramolecular Frameworks. <i>CCS Chemistry</i> , 2022, 4, 1405-1413.	7.8	2
2	Transformation of Crowded Oligoarylene into Perylene-Cored Chiral Nanographene by Sequential Oxidative Cyclization and 1,2-Phenyl Migration. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	16
3	Transformation of Crowded Oligoarylene into Perylene-Cored Chiral Nanographene by Sequential Oxidative Cyclization and 1,2-Phenyl Migration. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	7
4	Tunable construction of transition metal-coordinated helicene cages. <i>Chinese Chemical Letters</i> , 2021, 32, 3988-3992.	9.0	13
5	Oxidative cyclo-rearrangement of helicenes into chiral nanographenes. <i>Nature Communications</i> , 2021, 12, 2786.	12.8	60
6	Helicene-derived aggregation-induced emission conjugates with highly tunable circularly polarized luminescence. <i>Materials Chemistry Frontiers</i> , 2020, 4, 837-844.	5.9	37
7	Stepwise On-Surface Synthesis of Porous Carbon Nanoribbons with Notched Zigzag Edges. <i>Journal of Physical Chemistry C</i> , 2020, 124, 756-763.	3.1	7
8	Amplifiable Symmetry Breaking in Aggregates of Vibrating Helical Molecules. <i>Journal of the American Chemical Society</i> , 2020, 142, 16167-16172.	13.7	44
9	Chiral Diketopyrrolopyrrole-Helicene Polymer With Efficient Red Circularly Polarized Luminescence. <i>Frontiers in Chemistry</i> , 2020, 8, 237.	3.6	24
10	Selective Killing of Cancer Cells by Nonplanar Aromatic Hydrocarbon-Induced DNA Damage. <i>Advanced Science</i> , 2019, 6, 1901341.	11.2	18
11	Chiral Recognition of Hexahelicene on a Surface via the Forming of Asymmetric Heterochiral Trimers. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2018.	4.1	13
12	Study of Charge-Conjugated Self-Assembly Behavior of Amphiphilic Block Copolypeptides/Helicene. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 2973.	1.3	0
13	Multi-Responsive Supramolecular Gels Based on Charge Transfer Interactions. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1678-1682.	3.3	3
14	Chiral Organic Cages with a Triple-Stranded Helical Structure Derived from Helicene. <i>Journal of the American Chemical Society</i> , 2018, 140, 2769-2772.	13.7	68
15	Dual Redox and Optical Control of Chiroptical Activity in Photochromic Dithienylethenes Decorated with Hexahelicene and Bis-Ethynyl-Ruthenium Units. <i>Organometallics</i> , 2018, 37, 697-705.	2.3	26
16	Chiral Transmission to Cationic Polycobaltocenes over Multiple Length Scales Using Anionic Surfactants. <i>Journal of the American Chemical Society</i> , 2018, 140, 7222-7231.	13.7	16
17	Redox-Active Chiroptical Switching in Mono- and Bis-Ethynylcarbo[6]helicenes Studied by Electronic and Vibrational Circular Dichroism and Resonance Raman Optical Activity. <i>Chemistry - A European Journal</i> , 2018, 24, 15067-15079.	3.3	24
18	Enantiopure versus Racemic Naphthalimide End-Capped Helicenic Non-Fullerene Electron Acceptors: Impact on Organic Photovoltaics Performance. <i>Chemistry - A European Journal</i> , 2017, 23, 6277-6281.	3.3	66

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19	Synthesis and Chiroptical Properties of Hexaâ€, Octaâ€, and Decaâ€azaborahelicenes: Influence of Helicene Size and of the Number of Boron Atoms. <i>Chemistry - A European Journal</i> , 2017, 23, 407-418.	3.3	102
20	Iron Alkynyl Helicenes: Redoxâ€Triggered Chiroptical Tuning in the IR and Nearâ€IR Spectral Regions and Suitable for Telecommunications Applications. <i>Angewandte Chemie</i> , 2016, 128, 8194-8198.	2.0	25
21	Iron Alkynyl Helicenes: Redoxâ€Triggered Chiroptical Tuning in the IR and Nearâ€IR Spectral Regions and Suitable for Telecommunications Applications. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8062-8066.	13.8	71
22	Enantioseparation on Riboflavin Derivatives Chemically Bonded to Silica Gel as Chiral Stationary Phases for HPLC. <i>Chirality</i> , 2015, 27, 507-517.	2.6	9
23	Two-photon absorption and two-photon circular dichroism of hexahelicene derivatives: a study of the effect of the nature of intramolecular charge transfer. <i>RSC Advances</i> , 2015, 5, 17429-17437.	3.6	32
24	Helicene-based transition metal complexes: synthesis, properties and applications. <i>Chemical Science</i> , 2014, 5, 3680.	7.4	204
25	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> , 2014, 136, 13045-13052.	13.7	119
26	Straightforward access to mono- and bis-cycloplatinated helicenes displaying circularly polarized phosphorescence by using crystallization resolution methods. <i>Chemical Science</i> , 2014, 5, 1915.	7.4	140
27	Diastereoâ€and Enantioselective Synthesis of Organometallic Bis(helicene)s by a Combination of CÎ£ ₂ H Activation and Dynamic Isomerization. <i>Chemistry - A European Journal</i> , 2013, 19, 16722-16728.	3.3	28
28	From Hetero- to Homochiral Bis(metallahelicene)s Based on a Pt^{III}âˆ™Pt^{III} Bonded Scaffold: Isomerization, Structure, and Chiroptical Properties. <i>Journal of the American Chemical Society</i> , 2011, 133, 3800-3803.	13.7	78
29	Multifunctional and Reactive Enantiopure Organometallic Helicenes: Tuning Chiroptical Properties by Structural Variations of Monoâ€and Bis(platinahelicene)s. <i>Chemistry - A European Journal</i> , 2011, 17, 14178-14198.	3.3	62