

Fengkun Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis of a Tetrabenzotetraaza[8]circulene by a "Fold-In" Oxidative Fusion Reaction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10639-10642.	13.8	87
2	Design and Synthesis of Piezochromic Materials Based on Push-Pull Chromophores: A Mechanistic Perspective. <i>Chemistry - A European Journal</i> , 2012, 18, 4558-4567.	3.3	67
3	Closed Pentaaza[9]helicene and Hexathia[9]/[5]helicene: Oxidative Fusion Reactions of <i>ortho</i> -Phenylene-Bridged Cyclic Hexapyrroles and Hexathiophenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14688-14693.	13.8	47
4	Synthesis, Structures, and Optical Properties of Azahelicene Derivatives and Unexpected Formation of Azahepta[8]circulenes. <i>Chemistry - A European Journal</i> , 2018, 24, 7489-7497.	3.3	36
5	Facile synthesis of fluorescent hetero[8]circulene analogues with tunable solubilities and optical properties. <i>Chemical Science</i> , 2019, 10, 11006-11012.	7.4	34
6	Near-infrared and multicolored electrochromism of solution processable triphenylamine-anthraquinone imide hybrid systems. <i>Electrochimica Acta</i> , 2013, 99, 211-218.	5.2	25
7	Closed Pentaaza[9]helicene and Hexathia[9]/[5]helicene: Oxidative Fusion Reactions of <i>ortho</i> -Phenylene-Bridged Cyclic Hexapyrroles and Hexathiophenes. <i>Angewandte Chemie</i> , 2017, 129, 14880-14885.	2.0	24
8	Exploring the "fold-in" strategy toward the construction of a highly-strained triazasumanene skeleton. <i>Chemical Communications</i> , 2017, 53, 2705-2708.	4.1	23
9	<i>ortho</i> -Phenylene-Bridged Cyclic Oligopyrroles: Conformational Flexibilities and Optical Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 10597-10606.	3.3	22
10	A Sterically Congested Nitrogenated Benzodipentaphene with a Double "Expanded Helicene Structure". <i>Organic Letters</i> , 2020, 22, 3706-3711.	4.6	21
11	Sequential <i>N</i> -Alkylations of Tetrabenzotetraaza[8]circulene as a Tool To Tune Its Optical Properties. <i>ChemPlusChem</i> , 2017, 82, 1048-1051.	2.8	20
12	Colorless to Purple "Red Switching Electrochromic Anthraquinone Imides with Broad Visible/Near-IR Absorptions in the Radical Anion State: Simulation-Aided Molecular Design. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1497-1503.	3.3	15
13	<i>ortho</i> -Phenylene-Bridged Hybrid Nanorings of 2,5-Pyrrolylenes and 2,5-Thienylenes. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 994-1000.	2.7	11
14	Isomer effect on the near-infrared electrochromism of anthraquinone imides. <i>Electrochimica Acta</i> , 2015, 166, 73-81.	5.2	10
15	Improved Synthesis of <i>ortho</i> -Phenylene-Bridged Cyclic Tetrapyrroles and Oxidative Fusion Reactions Toward Substituted Tetraaza[8]circulenes. <i>Chemistry - an Asian Journal</i> , 2021, 16, 648-655.	3.3	10
16	Anthraquinone-Imide-Based Dimers: Synthesis, Piezochromism, Liquid Crystalline and Near-Infrared Electrochromic Properties. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1836-1845.	2.2	8
17	Cyclic Hybrids of Alternately Linked 2,5-Pyrrolylenes and 3,4-Thienylenes. <i>Chemistry Letters</i> , 2017, 46, 1319-1322.	1.3	8
18	Comparative study of the structural and spectral properties of tetraaza- and tetraoxaannelated tetracirculenes. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2017, 122, 523-540.	0.6	6

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19	Synthesis and characterization of novel near-infrared electrochromic cholesteric liquid crystalline polymers with chiroptical switching properties. <i>Scientia Sinica Chimica</i> , 2011, 41, 341-350.	0.4	6
20	Planar and Helical Dinaphthophenazines. <i>Journal of Organic Chemistry</i> , 2022, 87, 7635-7642.	3.2	2