

Application of electronic circular dichroism in the study

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Chiroptical Detection of Nonchromophoric, Achiral Guests by Enantiopure Allenic Acetylenic Helicages. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13614-13618.	7.2	56
2	Surface Architectures Built around Perylene-diimide Stacks. <i>Chemistry - A European Journal</i> , 2014, 20, 17143-17151.	1.7	15
3	Chiroptical and emissive properties of a calix[4]arene-containing chiral poly(p-phenylene ethynylene) with enantioselective recognition ability. <i>Polymer Chemistry</i> , 2014, 5, 5793-5803.	1.9	11
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6	Consequences of Chirality on the Aggregation Behavior of Poly[2-methoxy-5-(2-ethylhexyloxy)-p-phenylenevinylene] (MEH-PPV). <i>Macromolecules</i> , 2014, 47, 4847-4850.	2.2	32
9	Homo-double helix formation of an optically active conjugated polymer bearing carboxy groups and amplification of the helicity upon complexation with achiral and chiral amines. <i>Journal of Polymer Science Part A</i> , 2015, 53, 990-999.	2.5	8
10	Hydrodynamic and Thermophoretic Effects on the Supramolecular Chirality of Pyrene-Derived Nanosheets. <i>Chemistry - A European Journal</i> , 2015, 21, 9505-9513.	1.7	17
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12	Concentration-dependent frequency shifts of the C-S stretching modes in ethylene trithiocarbonate studied by Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 591-596.	1.2	15
13	Inverse Chirality Probe in Poly(3-alkylthiophene) Derivative. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 801-807.	1.1	4
14	Bis(zinc porphyrin) as a CD-sensitive bidentate host molecule: direct determination of absolute configuration of mono-alcohols. <i>Chemical Communications</i> , 2015, 51, 11068-11071.	2.2	48
15	Metal-Organic Nanotube with Helical and Propeller-Chiral Motifs Composed of a C_{10} -Symmetric Double-Decker Nanoring. <i>Journal of the American Chemical Society</i> , 2015, 137, 7628-7631.	6.6	48
16	Highly Circularly Polarized Electroluminescence from a Chiral Europium Complex. <i>Advanced Materials</i> , 2015, 27, 1791-1795.	11.1	365
17	Induced circular dichroism as a tool to investigate the binding of drugs to carrier proteins: Classic approaches and new trends. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 113, 34-42.	1.4	38
18	Step-wise induction, amplification and inversion of molecular chirality through the coordination of chiral diamines with Zn(ii) bisporphyrin. <i>Chemical Communications</i> , 2015, 51, 895-898.	2.2	30
19	Aggregation deaggregation influenced selective and sensitive detection of Cu^{2+} and ATP by histidine functionalized water-soluble fluorescent perylene diimide under physiological conditions and in living cells. <i>RSC Advances</i> , 2015, 5, 28211-28218.	1.7	34
20	Wavelength resolved specific optical rotations and homochiral equilibria. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 21630-21633.	1.3	9

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27	From Ribbons to Networks: Hierarchical Organization of DNA-Grafted Supramolecular Polymers. <i>Journal of the American Chemical Society</i> , 2015, 137, 14051-14054.	6.6	50
28	Urea vs. carbamate groups: a comparative study in a chiral C ₂ symmetric organogelator. <i>Soft Matter</i> , 2015, 11, 8333-8341.	1.2	10
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32	Lanthanide Circularly Polarized Luminescence: Bases and Applications. <i>Chirality</i> , 2015, 27, 1-13.	1.3	433
33	Determination of the binding sites and binding constants between Pb(II) and DNA using capillary electrophoresis combined with electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 903-908.	1.6	10
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37	Circularly polarized luminescence reveals interaction between commercial stains and protein matrices used in paintings. <i>RSC Advances</i> , 2016, 6, 96176-96181.	1.7	12
38	Mirror Symmetry Breaking by Chirality Synchronisation in Liquids and Liquid Crystals of Achiral Molecules. <i>ChemPhysChem</i> , 2016, 17, 9-26.	1.0	143
39	Optically Active Porphyrin and Phthalocyanine Systems. <i>Chemical Reviews</i> , 2016, 116, 6184-6261.	23.0	240

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45	Synthesis and systematic evaluation of symmetric sulfonated centrally C-C bonded cyanine near-infrared dyes for protein labelling. <i>Dyes and Pigments</i> , 2016, 132, 7-19.	2.0	36
46	Allosteric Acetylenic Cage (AAC) Receptors: Chiroptical Switching and Enantioselective Complexation of <i>trans</i> -1,2-Dimethylcyclohexane in a Diaxial Conformation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14444-14449.	7.2	38
47	Chirality recognition in concerted proton transfer process for prismatic water clusters. <i>Nano Research</i> , 2016, 9, 2782-2795.	5.8	17
48	Cytotoxic dimeric xanthanolides from fruits of <i>Xanthium chinense</i> . <i>Phytochemistry</i> , 2016, 132, 115-122.	1.4	15
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57	Graphene-Porphyrin Nanorod Composites for Solar Light Harvesting. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1562-1568.	3.2	57
58	Measuring the bioactivity and molecular conformation of typically globular proteins with phenothiazine-derived methylene blue in solid and in solution: A comparative study using photochemistry and computational chemistry. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 158, 69-80.	1.7	12

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78	Circularly Polarised Luminescence from Helically Chiral α -Confused β -Naphthyl, β -Naphthyl, β -Oxy, β -Cyanoboron- β -Chelated Dipyromethenes (BODIPYs). <i>ChemPhotoChem</i> , 2017, 1, 513-517.	1.5	54
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116	Polarization spectroscopy methods in the determination of interactions of small molecules with nucleic acids – tutorial. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 84-105.	1.3	102
117	How and How Much Molecular Conformation Affects Electronic Circular Dichroism: The Case of 1,1-Diarylcarbinols. <i>Molecules</i> , 2018, 23, 128.	1.7	16
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