

Ming Rao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Efficient Triplet-Triplet Annihilation Upconversion with an Anti-Stokes Shift of 1.08 eV Achieved by Chemically Tuning Sensitizers. <i>Journal of the American Chemical Society</i> , 2019, 141, 15070-15077.	13.7	90
2	An Ultimate Stereocontrol in Supramolecular Photochirogenesis: Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Sulfur-Linked β -Cyclodextrin Dimers. <i>Journal of the American Chemical Society</i> , 2019, 141, 9225-9238.	13.7	70
3	Photocatalytic Supramolecular Enantiodifferentiating Dimerization of 2-Anthracenecarboxylic Acid through Triplet-Triplet Annihilation. <i>Organic Letters</i> , 2018, 20, 1680-1683.	4.6	59
4	Supramolecular Assembly-Improved Triplet-Triplet Annihilation Upconversion in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2018, 24, 16677-16685.	3.3	29
5	Recent progress on the enantioselective excited-state photoreactions by pre-arrangement of photosubstrate(s). <i>Green Synthesis and Catalysis</i> , 2021, 2, 131-144.	6.8	29
6	Synergetic effects in the enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid mediated by β -cyclodextrin-pillar[5]arene-hybridized hosts. <i>Chemical Communications</i> , 2020, 56, 6197-6200.	4.1	21
7	Effects of Temperature and Host Concentration on the Supramolecular Enantiodifferentiating [4 + 4] Photodimerization of 2-Anthracenecarboxylate through Triplet-Triplet Annihilation Catalyzed by Pt-Modified Cyclodextrins. <i>Molecules</i> , 2019, 24, 1502.	3.8	17
8	pH-Controlled Chirality Inversion in Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylic Acid Mediated by β -Cyclodextrin Derivatives. <i>Organic Letters</i> , 2020, 22, 5273-5278.	4.6	16
9	Enhanced irregular photodimers and switched enantioselectivity by solvent and temperature in the photocyclodimerization of 2-anthracenecarboxylate with modified β -cyclodextrins. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 371, 374-381.	3.9	15
10	A Quinoline-Appended Cyclodextrin Derivative as a Highly Selective Receptor and Colorimetric Probe for Nucleotides. <i>IScience</i> , 2020, 23, 100927.	4.1	15
11	Catalytic Chiral Photochemistry Sensitized by Chiral Hosts-Grafted Upconverted Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 21453-21460.	8.0	13
12	A dendritic DPA annihilator-syntheses, photophysical properties and application for co-assembling enhanced triplet-triplet annihilation upconversion. <i>Dyes and Pigments</i> , 2020, 182, 108643.	3.7	8
13	Supramolecular Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylic Acid Mediated by Bridged β -Cyclodextrins: Critical Effects of the Host Structure, pH and Co-Solvents. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3091-3096.	3.3	4