

# Dayang Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/318860/publications.pdf>

Version: 2024-02-01

13  
papers

695  
citations

759233

12  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

528  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Temperature-Driven Planar Chirality Switching of a Pillar[5]arene-Based Molecular Universal Joint. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6869-6873.  | 13.8 | 161       |
| 2  | Redox-Triggered Chirality Switching and Guest-Capture/Release with a Pillar[6]arene-Based Molecular Universal Joint. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8094-8098.  | 13.8 | 89        |
| 3  | Supramolecular Photochirogenesis Driven by Higher-Order Complexation: Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate to Slipped Cyclodimers via a 2:2 Complex with $\beta$ -Cyclodextrin. <i>Journal of the American Chemical Society</i> , 2018, 140, 3959-3974. | 13.7 | 88        |
| 4  | Enantiodifferentiation in the Photoisomerization of ( <i>Z</i> )-1,3-Cyclooctadiene in the Cavity of $\beta$ -Cyclodextrin-Cucurbit[6]uril-Wheeled [4]Rotaxanes with an Encapsulated Photosensitizer. <i>Organic Letters</i> , 2017, 19, 898-901.   | 4.6  | 70        |
| 5  | Supramolecular enantiomeric and structural differentiation of amino acid derivatives with achiral pillar[5]arene homologs. <i>Chemical Communications</i> , 2020, 56, 161-164.  | 4.1  | 67        |
| 6  | Bisindole [3]arenes-Indolyl Macrocyclic Arenes Having Significant Iodine Capture Capacity. <i>CCS Chemistry</i> , 2022, 4, 1806-1814.   | 7.8  | 39        |
| 7  | Temperature-Driven Planar Chirality Switching of a Pillar[5]arene-Based Molecular Universal Joint. <i>Angewandte Chemie</i> , 2017, 129, 6973-6977.   | 2.0  | 38        |
| 8  | Guest-Binding-Induced Interhetero Hosts Charge Transfer Crystallization: Selective Coloration of Commonly Used Organic Solvents. <i>Journal of the American Chemical Society</i> , 2021, 143, 1553-1561.  | 13.7 | 38        |
| 9  | The More the Slower: Self-Inhibition in Supramolecular Chirality Induction, Memory, Erasure, and Reversion. <i>Journal of the American Chemical Society</i> , 2022, 144, 1455-1463.   | 13.7 | 38        |
| 10 | Precise Manipulation of Temperature-Driven Chirality Switching of Molecular Universal Joints through Solvent Mixing. <i>Chemistry - A European Journal</i> , 2019, 25, 12526-12537.   | 3.3  | 30        |
| 11 | Redox-Triggered Chirality Switching and Guest-Capture/Release with a Pillar[6]arene-Based Molecular Universal Joint. <i>Angewandte Chemie</i> , 2020, 132, 8171-8175.   | 2.0  | 20        |
| 12 | A Quinoline-Appended Cyclodextrin Derivative as a Highly Selective Receptor and Colorimetric Probe for Nucleotides. <i>IScience</i> , 2020, 23, 100927.   | 4.1  | 15        |
| 13 | Precise Manipulation of Temperature-Driven Chirality Switching of Molecular Universal Joints through Solvent Mixing. <i>Chemistry - A European Journal</i> , 2019, 25, 12451-12451.   | 3.3  | 2         |