

Bowen Shen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

716
citations

759233

12
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677142

22
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23
all docs

23
docs citations

23
times ranked

943
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Induction of 2D grid structure from amphiphilic pyrene assembly by charge transfer interaction. <i>Giant</i> , 2021, 5, 100045. | 5.1 | 6 |
| 2 | Porous Nanosheet Assembly for Macrocyclization and Self-Release. <i>Journal of the American Chemical Society</i> , 2020, 142, 1904-1910. | 13.7 | 19 |
| 3 | Impact of Positional Isomerism on Pathway Complexity in Aqueous Media. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5675-5682. | 13.8 | 56 |
| 4 | Precisely Controlled Multidimensional Covalent Frameworks: Polymerization of Supramolecular Colloids. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21525-21529. | 13.8 | 12 |
| 5 | Precisely Controlled Multidimensional Covalent Frameworks: Polymerization of Supramolecular Colloids. <i>Angewandte Chemie</i> , 2020, 132, 21709-21713. | 2.0 | 2 |
| 6 | Asymmetric Transformation Driven by Confinement and Self-Release in Single-Layered Porous Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22690-22696. | 13.8 | 22 |
| 7 | Nanomechanical Properties of a Supramolecular Helix Stabilized by Non-Covalent Interactions. <i>Macromolecular Rapid Communications</i> , 2020, 41, 2000453. | 3.9 | 4 |
| 8 | Asymmetric Transformation Driven by Confinement and Self-Release in Single-Layered Porous Nanosheets. <i>Angewandte Chemie</i> , 2020, 132, 22879-22885. | 2.0 | 10 |
| 9 | Single-Layered Chiral Nanosheets with Dual Chiral Void Spaces for Highly Efficient Enantiomer Absorption. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11355-11359. | 13.8 | 28 |
| 10 | Impact of Positional Isomerism on Pathway Complexity in Aqueous Media. <i>Angewandte Chemie</i> , 2020, 132, 5724-5731. | 2.0 | 11 |
| 11 | Single-Layered Chiral Nanosheets with Dual Chiral Void Spaces for Highly Efficient Enantiomer Absorption. <i>Angewandte Chemie</i> , 2020, 132, 11451-11455. | 2.0 | 8 |
| 12 | Supramolecular Chiral 2D Materials and Emerging Functions. <i>Advanced Materials</i> , 2020, 32, e1905669. | 21.0 | 77 |
| 13 | Autonomous helical propagation of active toroids with mechanical action. <i>Nature Communications</i> , 2019, 10, 1080. | 12.8 | 35 |
| 14 | Substrate-Driven Transient Self-Assembly and Spontaneous Disassembly Directed by Chemical Reaction with Product Release. <i>Journal of the American Chemical Society</i> , 2019, 141, 4182-4185. | 13.7 | 48 |
| 15 | Reversible helical polymerization of supramolecular toroidal objects. <i>Polymer Chemistry</i> , 2019, 10, 6551-6554. | 3.9 | 5 |
| 16 | Two-Dimensional Cationic Networks and Their Spherical Curvature with Tunable Opening-Closing. <i>Nano Letters</i> , 2019, 19, 9131-9137. | 9.1 | 9 |
| 17 | Spontaneous Capture of Carbohydrate Guests through Folding and Zipping of Self-Assembled Ribbons. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2382-2386. | 13.8 | 39 |
| 18 | pH- and Temperature-Sensitive Hydrogel Nanoparticles with Dual Photoluminescence for Bioprobes. <i>ACS Nano</i> , 2016, 10, 5856-5863. | 14.6 | 195 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Spontaneous Capture of Carbohydrate Guests through Folding and Zipping of Self-Assembled Ribbons. <i>Angewandte Chemie</i> , 2016, 128, 2428-2432. | 2.0 | 7 |
| 20 | Open-closed switching of synthetic tubular pores. <i>Nature Communications</i> , 2015, 6, 8650. | 12.8 | 55 |
| 21 | A novel fluorescent polymer brushes film as a device for ultrasensitive detection of TNT. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1201-1206. | 10.3 | 33 |
| 22 | Thermo-responsive photoluminescent polymer brushes device as a platform for selective detection of Cr(vi). <i>Polymer Chemistry</i> , 2013, 4, 5591. | 3.9 | 35 |
| 23 | Polymeric Nanospheres Containing Rare Earth Complexes and Colloidal Crystals with Luminescent Properties. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1471, 7. | 0.1 | 0 |