

Bowen Shen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

716
citations

759233

12
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

943
citing authors

#	ARTICLE	IF	CITATIONS
1	pH- and Temperature-Sensitive Hydrogel Nanoparticles with Dual Photoluminescence for Bioprobes. ACS Nano, 2016, 10, 5856-5863.	14.6	195
2	Supramolecular Chiral 2D Materials and Emerging Functions. Advanced Materials, 2020, 32, e1905669.	21.0	77
3	Impact of Positional Isomerism on Pathway Complexity in Aqueous Media. Angewandte Chemie - International Edition, 2020, 59, 5675-5682.	13.8	56
4	Open/closed switching of synthetic tubular pores. Nature Communications, 2015, 6, 8650.	12.8	55
5	Substrate-Driven Transient Self-Assembly and Spontaneous Disassembly Directed by Chemical Reaction with Product Release. Journal of the American Chemical Society, 2019, 141, 4182-4185.	13.7	48
6	Spontaneous Capture of Carbohydrate Guests through Folding and Zipping of Self-Assembled Ribbons. Angewandte Chemie - International Edition, 2016, 55, 2382-2386.	13.8	39
7	Thermo-responsive photoluminescent polymer brushes device as a platform for selective detection of Cr(vi). Polymer Chemistry, 2013, 4, 5591.	3.9	35
8	Autonomous helical propagation of active toroids with mechanical action. Nature Communications, 2019, 10, 1080.	12.8	35
9	A novel fluorescent polymer brushes film as a device for ultrasensitive detection of TNT. Journal of Materials Chemistry A, 2013, 1, 1201-1206.	10.3	33
10	Single-Layered Chiral Nanosheets with Dual Chiral Void Spaces for Highly Efficient Enantiomer Absorption. Angewandte Chemie - International Edition, 2020, 59, 11355-11359.	13.8	28
11	Asymmetric Transformation Driven by Confinement and Self-Release in Single-Layered Porous Nanosheets. Angewandte Chemie - International Edition, 2020, 59, 22690-22696.	13.8	22
12	Porous Nanosheet Assembly for Macrocyclization and Self-Release. Journal of the American Chemical Society, 2020, 142, 1904-1910.	13.7	19
13	Precisely Controlled Multidimensional Covalent Frameworks: Polymerization of Supramolecular Colloids. Angewandte Chemie - International Edition, 2020, 59, 21525-21529.	13.8	12
14	Impact of Positional Isomerism on Pathway Complexity in Aqueous Media. Angewandte Chemie, 2020, 132, 5724-5731.	2.0	11
15	Asymmetric Transformation Driven by Confinement and Self-Release in Single-Layered Porous Nanosheets. Angewandte Chemie, 2020, 132, 22879-22885.	2.0	10
16	Two-Dimensional Cationic Networks and Their Spherical Curvature with Tunable Opening/Closing. Nano Letters, 2019, 19, 9131-9137.	9.1	9
17	Single-Layered Chiral Nanosheets with Dual Chiral Void Spaces for Highly Efficient Enantiomer Absorption. Angewandte Chemie, 2020, 132, 11451-11455.	2.0	8
18	Spontaneous Capture of Carbohydrate Guests through Folding and Zipping of Self-Assembled Ribbons. Angewandte Chemie, 2016, 128, 2428-2432.	2.0	7

#	ARTICLE	IF	CITATIONS
19	Induction of 2D grid structure from amphiphilic pyrene assembly by charge transfer interaction. <i>Giant</i> , 2021, 5, 100045.	5.1	6
20	Reversible helical polymerization of supramolecular toroidal objects. <i>Polymer Chemistry</i> , 2019, 10, 6551-6554.	3.9	5
21	Nanomechanical Properties of a Supramolecular Helix Stabilized by Non-covalent Interactions. <i>Macromolecular Rapid Communications</i> , 2020, 41, 2000453.	3.9	4
22	Precisely Controlled Multidimensional Covalent Frameworks: Polymerization of Supramolecular Colloids. <i>Angewandte Chemie</i> , 2020, 132, 21709-21713.	2.0	2
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