

Shaoyu Chen

List of Publications by Year in descending order

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papers

428
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759233

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#	ARTICLE	IF	CITATIONS
1	Self-Assembly of Photoresponsive Molecular Amphiphiles in Aqueous Media. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11604-11627.	13.8	81
2	Motorized Macrocycle: A Photoresponsive Host with Switchable and Stereoselective Guest Recognition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16129-16138.	13.8	57
3	Dynamic Assemblies of Molecular Motor Amphiphiles Control Macroscopic Foam Properties. <i>Journal of the American Chemical Society</i> , 2020, 142, 10163-10172.	13.7	38
4	Insight into a Fast-Phototuning Azobenzene Switch for Sustainably Tailoring the Foam Stability. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13778-13784.	8.0	37
5	A recycled foam coloring approach based on the reversible photo-isomerization of an azobenzene cationic surfactant. <i>Green Chemistry</i> , 2016, 18, 3972-3980.	9.0	34
6	Synthesis of photo-responsive azobenzene molecules with different hydrophobic chain length for controlling foam stability. <i>RSC Advances</i> , 2016, 6, 60138-60144.	3.6	28
7	Photoactuating Artificial Muscles of Motor Amphiphiles as an Extracellular Matrix Mimetic Scaffold for Mesenchymal Stem Cells. <i>Journal of the American Chemical Society</i> , 2022, 144, 3543-3553.	13.7	27
8	Modification of ramie with 1-butyl-3-methylimidazolium chloride ionic liquid. <i>Fibers and Polymers</i> , 2013, 14, 1254-1260.	2.1	21
9	Self-Assembly of Photoresponsive Molecular Amphiphiles in Aqueous Media. <i>Angewandte Chemie</i> , 2021, 133, 11708-11731.	2.0	18
10	A versatile and recycled pigment foam coloring approach for natural and synthetic fibers with nearly-zero pollutant discharge. <i>Journal of Cleaner Production</i> , 2020, 243, 118504.	9.3	17
11	A novel strategy for realising environmentally friendly pigment foam dyeing using polyoxyethylene ether surfactant C ₁₄ EO ₅ as a foam controller. <i>Coloration Technology</i> , 2017, 133, 253-261.	1.5	16
12	Photoresponsive aqueous foams with controllable stability from nonionic azobenzene surfactants in multiple-component systems. <i>Soft Matter</i> , 2019, 15, 8313-8319.	2.7	13
13	Motorized Macrocycle: A Photoresponsive Host with Switchable and Stereoselective Guest Recognition. <i>Angewandte Chemie</i> , 2021, 133, 16265-16274.	2.0	11
14	Skin friendly antimicrobial characterization of natural glycyrrhiza extract on fabric. <i>Fibers and Polymers</i> , 2014, 15, 1873-1879.	2.1	8
15	Investigation of aqueous foam stability containing pigment colorant using polyoxyethylene nonionic surfactant. <i>Chemical Papers</i> , 2017, 71, 1633-1643.	2.2	7
16	Hysteresis Nanoarchitectonics with Chiral Gel Fibers and Achiral Gold Nanospheres for Reversible Chiral Inversion. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	3.3	6
17	A foam single-face pretreatment to modify silk fabric using EBODAC to improve inkjet printing performance. <i>Journal of the Textile Institute</i> , 2014, 105, 799-805.	1.9	5
18	Cationic superfine pigment dyeing for wool using exhaust process by pH adjustment. <i>Fibers and Polymers</i> , 2015, 16, 67-72.	2.1	4