Zonglin Chu

List of Publications by Year
in descending order

41 papers	3,969 citations	318942 23 h-index	355658 38 g-index
44 all docs	44 docs citations	44 times ranked	4731 citing authors

#	Article	IF	Citations
1	Wormlike micelles formed by ultra-long-chain nonionic surfactant. Colloid and Polymer Science, 2021, 299, 1295-1304.	1.0	7
2	Electrostatic co-assembly of nanoparticles with oppositely charged small molecules into static and dynamic superstructures. Nature Chemistry, 2021, 13, 940-949.	6.6	121
3	The Many Ways to Assemble Nanoparticles Using Light. Advanced Materials, 2020, 32, e1905866.	11.1	70
4	Selfâ€Assembly: The Many Ways to Assemble Nanoparticles Using Light (Adv. Mater. 20/2020). Advanced Materials, 2020, 32, 2070154.	11.1	0
5	Polysilsesquioxane Nanowire Networks as an â€œArtificial Solventâ€•for Reversible Operation of Photochromic Molecules. Nano Letters, 2019, 19, 7106-7111.	4.5	23
6	Effect of residual chemicals on wormlike micelles assembled from a C22-tailed cationic surfactant. Journal of Colloid and Interface Science, 2019, 553, 91-98.	5.0	15
7	Supramolecular Control of Azobenzene Switching on Nanoparticles. Journal of the American Chemical Society, 2019, 141, 1949-1960.	6.6	85
8	â€œPrecipitation on Nanoparticlesâ€: Attractive Intermolecular Interactions Stabilize Specific Ligand Ratios on the Surfaces of Nanoparticles. Angewandte Chemie - International Edition, 2018, 57, 7023-7027.	7.2	17
9	Reversible photoswitching of encapsulated azobenzenes in water. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9379-9384.	3.3	110
10	â€œPrecipitation on Nanoparticlesâ€: Attractive Intermolecular Interactions Stabilize Specific Ligand Ratios on the Surfaces of Nanoparticles. Angewandte Chemie, 2018, 130, 7141-7145.	1.6	6
11	A Facile, Sustainable Strategy towards the Preparation of Silicone Nanofilaments and Their Use as Antiwetting Coatings. ChemistrySelect, 2017, 2, 5463-5468.	0.7	7
12	Correlating surface activity with structural and environmental parameters for alkylamidosulfobetaine surfactants. Colloid and Polymer Science, 2016, 294, 957-963.	1.0	10
13	Ã–l/Wasserâ€Trennung mit selektiven superabweisenden/superbenetzbaren OberflÃchenmaterialien. Angewandte Chemie, 2015, 127, 2358-2368.	1.6	32
14	Multifunctional Hybrid Porous Microâ€/Nanocomposite Materials. Advanced Materials, 2015, 27, 7775-7781.	11.1	55
15	Robust superhydrophobic wood obtained by spraying silicone nanoparticles. RSC Advances, 2015, 5, 21999-22004.	1.7	40
16	Smart Wormlike Micelles. Springer Briefs in Molecular Science, 2015, , .	0.1	55
17	Other Types of Smart Wormlike Micelles. Springer Briefs in Molecular Science, 2015, , 67-77.	0.1	0
18	CO2-Responsive Wormlike Micelles. Springer Briefs in Molecular Science, 2015, , 49-65.	0.1	0

#	Article	IF	Citations
19	pH-Responsive Wormlike Micelles. Springer Briefs in Molecular Science, 2015, , 41-48.	0.1	1
20	Thermo-responsive Wormlike Micelles. Springer Briefs in Molecular Science, 2015, , 7-27.	0.1	1
21	Basic Properties of Wormlike Micelles. Springer Briefs in Molecular Science, 2015, , 1-6.	0.1	7
22	Applications of Smart Wormlike Micelles. Springer Briefs in Molecular Science, 2015, , 79-91.	0.1	2
23	Versatile method for AFM-tip functionalization with biomolecules: fishing a ligand by means of an in situ click reaction. Nanoscale, 2015, 7, 6599-6606.	2.8	9
24	pH-Tunable wormlike micelles based on an ultra-long-chain â€œpseudoâ€•gemini surfactant. Soft Matter, 2015, 11, 4614-4620.	1.2	82
25	Oil/Water Separation with Selective Superantiwetting/Superwetting Surface Materials. Angewandte Chemie - International Edition, 2015, 54, 2328-2338.	7.2	1,078
26	Superamphiphobic surfaces. Chemical Society Reviews, 2014, 43, 2784-2798.	18.7	525
27	Thermally induced structural transitions from fluids to hydrogels with pH-switchable anionic wormlike micelles. Journal of Colloid and Interface Science, 2013, 394, 319-328.	5.0	101
28	Smart wormlike micelles. Chemical Society Reviews, 2013, 42, 7174.	18.7	451
29	CO2-switchable wormlike micelles. Chemical Communications, 2013, 49, 4902.	2.2	155
30	Smart wormlike micelles switched by CO2 and air. Soft Matter, 2013, 9, 6217.	1.2	123
31	Vegetable-Derived Long-Chain Surfactants Synthesized via a â€œGreenâ€•Route. ACS Sustainable Chemistry and Engineering, 2013, 1, 75-79.	3.2	57
32	â€œGreenâ€•anionic wormlike micelles induced by choline. RSC Advances, 2012, 2, 3396.	1.7	60
33	Empirical Correlations between Krafft Temperature and Tail Length for Amidosulfobetaine Surfactants in the Presence of Inorganic Salt. Langmuir, 2012, 28, 1175-1181.	1.6	63
34	Shear Banding Transition of Wormlike Micelles Formed by a C₂₂-Tailed Cationic Surfactant. Acta Chimica Sinica, 2012, 70, 1551.	0.5	7
35	Thermo-switchable surfactant gel. Chemical Communications, 2011, 47, 7191.	2.2	129
36	Aging mechanism of unsaturated long-chain amidosulfobetaine worm fluids at high temperature. Soft Matter, 2011, 7, 4485.	1.2	30

#	Article	IF	Citations
37	Oligomeric alkylpyridinium surfactants prepared via ATRP. E-Polymers, 2011, 11, .	1.3	0
38	Wormlike Micelles and Solution Properties of a C22-Tailed Amidosulfobetaine Surfactant. Langmuir, 2010, 26, 7783-7791.	1.6	171
39	pH-switchable wormlike micelles. Chemical Communications, 2010, 46, 9028.	2.2	192
40	Amidosulfobetaine surfactant gels with shear banding transitions. Soft Matter, 2010, 6, 6065.	1.2	51
41	A Facile Route towards the Preparation of Ultra-Long-Chain Amidosulfobetaine Surfactants. Synlett, 2009, 2009, 2655-2658.	1.0	20