Zonglin Chu

List of Publications by Year
in descending order

41 papers	3,969 citations	279778 23 h-index	315719 38 g-index
44 all docs	44 docs citations	44 times ranked	4170 citing authors

#	Article	IF	Citations
1	Oil/Water Separation with Selective Superantiwetting/Superwetting Surface Materials. Angewandte Chemie - International Edition, 2015, 54, 2328-2338.	13.8	1,078
2	Superamphiphobic surfaces. Chemical Society Reviews, 2014, 43, 2784-2798.	38.1	525
3	Smart wormlike micelles. Chemical Society Reviews, 2013, 42, 7174.	38.1	451
4	pH-switchable wormlike micelles. Chemical Communications, 2010, 46, 9028.	4.1	192
5	Wormlike Micelles and Solution Properties of a C22-Tailed Amidosulfobetaine Surfactant. Langmuir, 2010, 26, 7783-7791.	3.5	171
6	CO2-switchable wormlike micelles. Chemical Communications, 2013, 49, 4902.	4.1	155
7	Thermo-switchable surfactant gel. Chemical Communications, 2011, 47, 7191.	4.1	129
8	Smart wormlike micelles switched by CO2 and air. Soft Matter, 2013, 9, 6217.	2.7	123
9	Electrostatic co-assembly of nanoparticles with oppositely charged small molecules into static and dynamic superstructures. Nature Chemistry, 2021, 13, 940-949.	13.6	121
10	Reversible photoswitching of encapsulated azobenzenes in water. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9379-9384.	7.1	110
11	Thermally induced structural transitions from fluids to hydrogels with pH-switchable anionic wormlike micelles. Journal of Colloid and Interface Science, 2013, 394, 319-328.	9.4	101
12	Supramolecular Control of Azobenzene Switching on Nanoparticles. Journal of the American Chemical Society, 2019, 141, 1949-1960.	13.7	85
13	pH-Tunable wormlike micelles based on an ultra-long-chain â€œpseudoâ€•gemini surfactant. Soft Matter, 2015, 11, 4614-4620.	2.7	82
14	The Many Ways to Assemble Nanoparticles Using Light. Advanced Materials, 2020, 32, e1905866.	21.0	70
15	Empirical Correlations between Krafft Temperature and Tail Length for Amidosulfobetaine Surfactants in the Presence of Inorganic Salt. Langmuir, 2012, 28, 1175-1181.	3.5	63
16	â€œGreenâ€•anionic wormlike micelles induced by choline. RSC Advances, 2012, 2, 3396.	3.6	60
17	Vegetable-Derived Long-Chain Surfactants Synthesized via a â€œGreenâ€•Route. ACS Sustainable Chemistry and Engineering, 2013, 1, 75-79.	6.7	57
18	Multifunctional Hybrid Porous Microâ€/Nanocomposite Materials. Advanced Materials, 2015, 27, 7775-7781.	21.0	55

#	Article	IF	Citations
19	Smart Wormlike Micelles. Springer Briefs in Molecular Science, 2015, , .	0.1	55
20	Amidosulfobetaine surfactant gels with shear banding transitions. Soft Matter, 2010, 6, 6065.	2.7	51
21	Robust superhydrophobic wood obtained by spraying silicone nanoparticles. RSC Advances, 2015, 5, 21999-22004.	3.6	40
22	Ã–l/Wasserâ€•Trennung mit selektiven superabweisenden/superbenetzbaren OberflÃ€chenmaterialien. Angewandte Chemie, 2015, 127, 2358-2368.	2.0	32
23	Aging mechanism of unsaturated long-chain amidosulfobetaine worm fluids at high temperature. Soft Matter, 2011, 7, 4485.	2.7	30
24	Polysilsesquioxane Nanowire Networks as an â€œArtificial Solventâ€•for Reversible Operation of Photochromic Molecules. Nano Letters, 2019, 19, 7106-7111.	9.1	23
25	A Facile Route towards the Preparation of Ultra-Long-Chain Amidosulfobetaine Surfactants. Synlett, 2009, 2009, 2655-2658.	1.8	20
26	â€œPrecipitation on Nanoparticlesâ€: Attractive Intermolecular Interactions Stabilize Specific Ligand Ratios on the Surfaces of Nanoparticles. Angewandte Chemie - International Edition, 2018, 57, 7023-7027.	13.8	17
27	Effect of residual chemicals on wormlike micelles assembled from a C22-tailed cationic surfactant. Journal of Colloid and Interface Science, 2019, 553, 91-98.	9.4	15
28	Correlating surface activity with structural and environmental parameters for alkylamidosulfobetaine surfactants. Colloid and Polymer Science, 2016, 294, 957-963.	2.1	10
29	Versatile method for AFM-tip functionalization with biomolecules: fishing a ligand by means of an in situ click reaction. Nanoscale, 2015, 7, 6599-6606.	5.6	9
30	Basic Properties of Wormlike Micelles. Springer Briefs in Molecular Science, 2015, , 1-6.	0.1	7
31	A Facile, Sustainable Strategy towards the Preparation of Silicone Nanofilaments and Their Use as Antiwetting Coatings. ChemistrySelect, 2017, 2, 5463-5468.	1.5	7
32	Wormlike micelles formed by ultra-long-chain nonionic surfactant. Colloid and Polymer Science, 2021, 299, 1295-1304.	2.1	7
33	Shear Banding Transition of Wormlike Micelles Formed by a C₂₂-Tailed Cationic Surfactant. Acta Chimica Sinica, 2012, 70, 1551.	1.4	7
34	â€œPrecipitation on Nanoparticlesâ€: Attractive Intermolecular Interactions Stabilize Specific Ligand Ratios on the Surfaces of Nanoparticles. Angewandte Chemie, 2018, 130, 7141-7145.	2.0	6
35	Applications of Smart Wormlike Micelles. Springer Briefs in Molecular Science, 2015, , 79-91.	0.1	2
36	pH-Responsive Wormlike Micelles. Springer Briefs in Molecular Science, 2015, , 41-48.	0.1	1

#	Article	IF	Citations
37	Thermo-responsive Wormlike Micelles. Springer Briefs in Molecular Science, 2015, , 7-27.	0.1	1
38	Oligomeric alkylpyridinium surfactants prepared via ATRP. E-Polymers, 2011, 11, .	3.0	0
39	Other Types of Smart Wormlike Micelles. Springer Briefs in Molecular Science, 2015, , 67-77.	0.1	0
40	CO2-Responsive Wormlike Micelles. Springer Briefs in Molecular Science, 2015, , 49-65.	0.1	0
41	Selfâ€Assembly: The Many Ways to Assemble Nanoparticles Using Light (Adv. Mater. 20/2020). Advanced Materials, 2020, 32, 2070154.	21.0	0