

Qi Zhang

List of Publications by Year in descending order

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14
papers

489
citations

759233

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1058476

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docs citations

14
times ranked

510
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Tension and Aggregation Properties of Novel Cationic Gemini Surfactants with Diethylammonium Headgroups and a Diamido Spacer. <i>Langmuir</i> , 2012, 28, 11979-11987.	3.5	114
2	Adsorption and corrosion inhibitive properties of gemini surfactants in the series of hexanediyl-1,6-bis-(diethyl alkyl ammonium bromide) on aluminium in hydrochloric acid solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 380, 191-200.	4.7	93
3	Preparation and performances of novel waterborne intumescent fire retardant coatings. <i>Progress in Organic Coatings</i> , 2016, 95, 100-106.	3.9	52
4	Surface properties and aggregation behavior of cationic gemini surfactants with dipropylammonium head-groups. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 470, 211-217.	4.7	48
5	Controlled Synthesis of Carbon Nanospheres via the Modulation of the Hydrophilic Length of the Assembled Surfactant Micelles. <i>Langmuir</i> , 2018, 34, 10389-10396.	3.5	31
6	Effect of microencapsulated ammonium polyphosphate on the durability and fire resistance of waterborne intumescent fire-retardant coatings. <i>Journal of Coatings Technology Research</i> , 2019, 16, 135-145.	2.5	31
7	Effects of the addition mode and amount of organic montmorillonite in soft-core/hard-shell emulsion on fire protection, water resistance and stability of fire retardant coating. <i>Progress in Organic Coatings</i> , 2016, 101, 350-358.	3.9	25
8	Intumescent fire retardant coating with recycled powder from industrial effluent optimized using response surface methodology. <i>Progress in Organic Coatings</i> , 2020, 140, 105494.	3.9	25
9	A facile strategy to fabricate an intumescent fire-retardant coating with improved fire resistance and water tolerance for steel structure. <i>Journal of Coatings Technology Research</i> , 2020, 17, 1401-1411.	2.5	18
10	Adsorption and Micellization of Gemini Surfactants with Diethylammonium Headgroups: Effect of the Spacer Rigidity. <i>Journal of Surfactants and Detergents</i> , 2017, 20, 765-775.	2.1	16
11	Recycle of magnesium alloy scrap for improving fire resistance, thermal stability, and water tolerance of intumescent fire-retardant coatings. <i>Journal of Coatings Technology Research</i> , 2021, 18, 447-458.	2.5	13
12	Exfoliated and functionalized boron nitride nanosheets towards improved fire resistance and water tolerance of intumescent fire retardant coating. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50177.	2.6	13
13	Structural regulation of polypyrrole nanospheres guided by hydrophobic chain length of surfactants. <i>Journal of Materials Science</i> , 2019, 54, 14309-14319.	3.7	8
14	A facile strategy for preparing Gemini surfactant-modified montmorillonite and its effect on the morphology and mechanical properties of polyethylene/polystyrene. <i>Polymer Composites</i> , 2019, 40, 3254-3263.	4.6	2