

# Xuepeng Wu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Application of pH-Responsive Viscoelastic Surfactant as Recyclable Fluid at High Temperature. Journal of Surfactants and Detergents, 2020, 23, 863.	2.1	3
2	A smart recyclable VES fluid for high temperature and high pressure fracturing. Journal of Petroleum Science and Engineering, 2020, 190, 107097.	4.2	18
3	Study on Synthesis and Properties of Gemini Surfactant Used as Viscoelastic Surfactant (VES). Springer Series in Geomechanics and Geoengineering, 2019, , 1074-1083.	0.1	2
4	Hierarchical Assembly of Peptoid-Based Cylindrical Micelles Exhibiting Efficient Resonance Energy Transfer in Aqueous Solution. Angewandte Chemie, 2019, 131, 12351-12358.	2.0	1
5	Flow behaviors of a viscoelastic polymer solution at 3D micro pore-throat structure. Journal of Dispersion Science and Technology, 2019, 40, 1795-1803.	2.4	2
6	CO <sub>2</sub> -responsive smart wormlike micelles based on monomer and pseudo-gemini surfactant. Journal of Industrial and Engineering Chemistry, 2018, 60, 348-354.	5.8	36
7	A novel CO <sub>2</sub> and pressure responsive viscoelastic surfactant fluid for fracturing. Fuel, 2018, 229, 79-87.	6.4	39
8	Novel investigation based on cationic modified starch with residual anionic polymer for enhanced oil recovery. Journal of Dispersion Science and Technology, 2017, 38, 199-205.	2.4	2
9	The effect of hydroxyl on the solution behavior of a quaternary ammonium gemini surfactant. Physical Chemistry Chemical Physics, 2017, 19, 16047-16056.	2.8	17
10	Investigation of Novel Triple-Responsive Wormlike Micelles. Langmuir, 2017, 33, 4319-4327.	3.5	50
11	Design and Study of a Novel Thermal-Resistant and Shear-Stable Amphoteric Polyacrylamide in High-Salinity Solution. Polymers, 2017, 9, 296.	4.5	30
12	Synergistic effect of pH-responsive wormlike micelles based on a simple amphiphile. Soft Matter, 2016, 12, 4549-4556.	2.7	22
13	Investigation on Polymer Reutilization Mechanism of Salt-Tolerant Modified Starch on Offshore Oilfield. Energy & Fuels, 2016, 30, 5585-5592.	5.1	12
14	A Novel Study on the Gel Phase Formed in a Catanionic Surfactant System. Journal of Surfactants and Detergents, 2016, 19, 519-525.	2.1	2
15	Investigation on the aggregation behavior of photo-responsive system composed of 1-hexadecyl-3-methylimidazolium bromide and 2-methoxycinnamic acid. RSC Advances, 2015, 5, 68369-68377.	3.6	14
16	Multi-Responsive Wormlike Micelles Based on N-Alkyl-N-Methylpiperidinium Bromide Cationic Surfactant. Journal of Surfactants and Detergents, 2015, 18, 739-746.	2.1	13
17	The role of hydroxyethyl groups in the construction of wormlike micelles in the system of quaternary ammonium surfactant and sodium salicylate. Soft Matter, 2015, 11, 7817-7826.	2.7	27
18	Thermal and pH dual stimulated wormlike micelle in aqueous N-cetyl-N-methylpyrrolidinium bromide cationic surfactant-aromatic dibasic acid system. Colloid and Polymer Science, 2015, 293, 2617-2624.	2.1	17