

Wanli Kang

List of Publications by Year in descending order

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135
papers

4,052
citations

117571

34
h-index

168321

53
g-index

135
all docs

135
docs citations

135
times ranked

1895
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability mechanism of W/O crude oil emulsion stabilized by polymer and surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 384, 555-560.	2.3	163
2	Flocculation, coalescence and migration of dispersed phase droplets and oil-water separation in heavy oil emulsion. <i>Journal of Petroleum Science and Engineering</i> , 2012, 81, 177-181.	2.1	117
3	Demulsification performance, behavior and mechanism of different demulsifiers on the light crude oil emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 545, 197-204.	2.3	116
4	Mechanisms of imbibition enhanced oil recovery in low permeability reservoirs: Effect of IFT reduction and wettability alteration. <i>Fuel</i> , 2019, 244, 110-119.	3.4	114
5	Stability mechanism of O/W Pickering emulsions stabilized with regenerated cellulose. <i>Carbohydrate Polymers</i> , 2018, 181, 224-233.	5.1	110
6	Study of salt tolerance and temperature resistance of a hydrophobically modified polyacrylamide based novel functional polymer for EOR. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 514, 91-97.	2.3	106
7	Advances of spontaneous emulsification and its important applications in enhanced oil recovery process. <i>Advances in Colloid and Interface Science</i> , 2020, 277, 102119.	7.0	104
8	Shear resistance performance of low elastic polymer microspheres used for conformance control treatment. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 79, 295-306.	2.9	99
9	Development of smart viscoelastic surfactants and its applications in fracturing fluid: A review. <i>Journal of Petroleum Science and Engineering</i> , 2020, 190, 107107.	2.1	76
10	Progress of polymer gels for conformance control in oilfield. <i>Advances in Colloid and Interface Science</i> , 2021, 289, 102363.	7.0	72
11	Silica-based amphiphilic Janus nanofluid with improved interfacial properties for enhanced oil recovery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124162.	2.3	71
12	A review of wettability alteration using surfactants in carbonate reservoirs. <i>Advances in Colloid and Interface Science</i> , 2021, 294, 102477.	7.0	68
13	Research on matching mechanism between polymer microspheres with different storage modulus and pore throats in the reservoir. <i>Powder Technology</i> , 2017, 313, 191-200.	2.1	65
14	Study on the stabilization mechanism of crude oil emulsion with an amphiphilic polymer using the β -cyclodextrin inclusion method. <i>RSC Advances</i> , 2017, 7, 8156-8166.	1.7	62
15	A pH-responsive wormlike micellar system of a noncovalent interaction-based surfactant with a tunable molecular structure. <i>Soft Matter</i> , 2017, 13, 1182-1189.	1.2	61
16	A new approach to evaluate the particle growth and sedimentation of dispersed polymer microsphere profile control system based on multiple light scattering. <i>Powder Technology</i> , 2017, 315, 477-485.	2.1	61
17	Experimental research of high strength thermally stable organic composite polymer gel. <i>Journal of Molecular Liquids</i> , 2018, 263, 118-124.	2.3	57
18	Preparation of a micron-size silica-reinforced polymer microsphere and evaluation of its properties as a plugging agent. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 547, 8-18.	2.3	56

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19	The ultra-low interfacial tension behavior of the combined cationic/anionic-nonionic gemini surfactants system for chemical flooding. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 554, 74-80.	2.3	55
20	Effects of surface modification Nano-SiO ₂ and its combination with surfactant on interfacial tension and emulsion stability. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 595, 124682.	2.3	55
21	Property evaluation of synthesized anionic-nonionic gemini surfactants for chemical enhanced oil recovery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 581, 123800.	2.3	53
22	Experimental study on a fine emulsion flooding system to enhance oil recovery for low permeability reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2018, 171, 974-981.	2.1	49
23	Stability, rheological property and oil-displacement mechanism of a dispersed low-elastic microsphere system for enhanced oil recovery. <i>RSC Advances</i> , 2017, 7, 8118-8130.	1.7	48
24	Experimental research on amphiphilic polymer/organic chromium gel for high salinity reservoirs. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 582, 123900.	2.3	48
25	Advances of microemulsion and its applications for improved oil recovery. <i>Advances in Colloid and Interface Science</i> , 2022, 299, 102527.	7.0	48
26	Rheological behavior and mechanism of pH-responsive wormlike micelle variations induced by isomers of phthalic acid. <i>Soft Matter</i> , 2018, 14, 4445-4452.	1.2	46
27	Spontaneous Emulsification via Once Bottom-Up Cycle for the Crude Oil in Low-Permeability Reservoirs. <i>Energy & Fuels</i> , 2018, 32, 3119-3126.	2.5	45
28	Effect of hydrophobic group content on the properties of betaine-type binary amphiphilic polymer. <i>Journal of Molecular Liquids</i> , 2020, 311, 113358.	2.3	45
29	Mechanism and Influencing Factors on the Initial Particle Size and Swelling Capability of Viscoelastic Microspheres. <i>Journal of Dispersion Science and Technology</i> , 2015, 36, 1673-1684.	1.3	43
30	Emulsification and stabilization mechanism of crude oil emulsion by surfactant synergistic amphiphilic polymer system. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 609, 125726.	2.3	43
31	pH-Responsive wormlike micelles based on microstructural transition in a C ₂₂ -tailed cationic surfactant- <i>aromatic dibasic acid</i> system. <i>RSC Advances</i> , 2017, 7, 37699-37705.	1.7	40
32	SiO ₂ nanoparticle-assisted low-concentration viscoelastic cationic surfactant fracturing fluid. <i>Journal of Molecular Liquids</i> , 2018, 266, 864-869.	2.3	39
33	Synergistic Collaboration between Regenerated Cellulose and Surfactant to Stabilize Oil/Water (O/W) Emulsions for Enhancing Oil Recovery. <i>Energy & Fuels</i> , 2019, 33, 81-88.	2.5	36
34	Characteristics of composite microspheres for in-depth profile control in oilfields and the effects of polymerizable silica nanoparticles. <i>Powder Technology</i> , 2020, 359, 205-215.	2.1	36
35	Ultra-low interfacial tension biobased and cationic surfactants for low permeability reservoirs. <i>Journal of Molecular Liquids</i> , 2020, 309, 113099.	2.3	36
36	Preparation and solution performance for the amphiphilic polymers with different hydrophobic groups. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	35

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37	Fabrication and Mechanism Study of the Fast Spontaneous Emulsification of Crude Oil with Anionic/Cationic Surfactants as an Enhanced Oil Recovery (EOR) Method for Low-Permeability Reservoirs. <i>Energy & Fuels</i> , 2019, 33, 8279-8288.	2.5	35
38	Study on the stability of heavy crude oil-in-water emulsions stabilized by two different hydrophobic amphiphilic polymers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 572, 299-306.	2.3	35
39	Study of the solution behavior of β -cyclodextrin amphiphilic polymer inclusion complex and the stability of its O/W emulsion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 453, 117-124.	2.3	34
40	Evaluation of rheological properties of a novel thermo-viscosifying functional polymer for enhanced oil recovery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 405-410.	2.3	34
41	The N-allyl substituted effect on wormlike micelles and salt tolerance of a C ₂₂ -tailed cationic surfactant. <i>Soft Matter</i> , 2017, 13, 7425-7432.	1.2	34
42	Stabilization mechanism of CO ₂ foam reinforced by regenerated cellulose. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 555, 754-764.	2.3	34
43	Viscoelasticity and microstructural properties of zwitterionic surfactant induced by hydroxybenzoate salt for fracturing. <i>Journal of Molecular Liquids</i> , 2020, 301, 112485.	2.3	34
44	Synthesis and plugging behavior of fluorescent polymer microspheres as a kind of conformance control agent in reservoirs. <i>RSC Advances</i> , 2018, 8, 10478-10488.	1.7	32
45	A systematic research on spontaneous imbibition of surfactant solutions for low permeability sandstone reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2021, 206, 109003.	2.1	32
46	Study on salt thickening mechanism of the amphiphilic polymer with betaine zwitterionic group by β -cyclodextrin inclusion method. <i>Colloid and Polymer Science</i> , 2017, 295, 1887-1895.	1.0	31
47	Preparation and properties of an acid-resistant preformed particle gel for conformance control. <i>Journal of Petroleum Science and Engineering</i> , 2021, 197, 107964.	2.1	31
48	Study of nano-SiO ₂ reinforced CO ₂ foam for anti-gas channeling with a high temperature and high salinity reservoir. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 97, 506-514.	2.9	30
49	Study on rheological behavior and salt-thickening mechanism of a synthesized twin-tailed hydrophobically modified polyacrylamide. <i>Journal of Molecular Liquids</i> , 2019, 294, 111619.	2.3	29
50	Study on the association behavior of a hydrophobically modified polyacrylamide in aqueous solution based on host-guest inclusion. <i>Journal of Molecular Liquids</i> , 2019, 275, 544-553.	2.3	29
51	Advances of supramolecular interaction systems for improved oil recovery (IOR). <i>Advances in Colloid and Interface Science</i> , 2022, 301, 102617.	7.0	29
52	Influence mechanism of fluorescent monomer on the performance of polymer microspheres. <i>Journal of Molecular Liquids</i> , 2020, 308, 113081.	2.3	28
53	Experimental Study on Low Interfacial Tension Foam for Enhanced Oil Recovery in High-Temperature and High-Salinity Reservoirs. <i>Energy & Fuels</i> , 2017, 31, 13416-13426.	2.5	27
54	Imbibition enhancing oil recovery mechanism of the two surfactants. <i>Physics of Fluids</i> , 2020, 32, .	1.6	27

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55	The rheological characteristics for the mixtures of cationic surfactant and anionic/nonionic surfactants: the role of ethylene oxide moieties. <i>RSC Advances</i> , 2017, 7, 13032-13040.	1.7	26
56	Salt effect on hydrophobically modified polyacrylamide-containing crude oil emulsions: stability and rheology study. <i>Colloid and Polymer Science</i> , 2018, 296, 515-527.	1.0	26
57	The advances of organic chromium based polymer gels and their application in improved oil recovery. <i>Advances in Colloid and Interface Science</i> , 2020, 282, 102214.	7.0	26
58	Application of α -amylase as a novel biodemulsifier for destabilizing amphiphilic polymer-flooding produced liquid treatment. <i>Bioresource Technology</i> , 2018, 259, 349-356.	4.8	25
59	Study on the effect of the organic acid structure on the rheological behavior and aggregate transformation of a pH-responsive wormlike micelle system. <i>Soft Matter</i> , 2019, 15, 3160-3167.	1.2	25
60	Conformance control mechanism of low elastic polymer microspheres in porous medium. <i>Journal of Petroleum Science and Engineering</i> , 2021, 196, 107708.	2.1	25
61	Controllable regulation of emulsion stability by a pH-responsive zwitterionic/anionic surfactant system. <i>Fuel</i> , 2022, 312, 122921.	3.4	25
62	Study on the influence of emulsification property of functional polymers on enhanced oil recovery and its mechanism. <i>Journal of Petroleum Science and Engineering</i> , 2020, 185, 106627.	2.1	24
63	Responsive wormlike micelle with pH-induced transition of hydrotrope based on dynamic covalent bond. <i>Journal of Molecular Liquids</i> , 2019, 286, 110935.	2.3	23
64	Study on the types and formation mechanisms of residual oil after two surfactant imbibition. <i>Journal of Petroleum Science and Engineering</i> , 2020, 195, 107904.	2.1	23
65	The effect of stepwise increasing of water injection rates on enhanced oil recovery after preformed particle gel treatment. <i>Journal of Petroleum Science and Engineering</i> , 2019, 182, 106239.	2.1	22
66	Study on the enhanced viscosity mechanism of the cyclodextrin polymer and betaine-type amphiphilic polymer inclusion complex. <i>Journal of Molecular Liquids</i> , 2019, 296, 111792.	2.3	22
67	Responsive morphology transition from micelles to vesicles based on dynamic covalent surfactants. <i>Soft Matter</i> , 2019, 15, 2703-2710.	1.2	22
68	Effects of cyclodextrin polymer on the gelation of amphiphilic polymer in inclusion complex. <i>Journal of Molecular Liquids</i> , 2020, 305, 112850.	2.3	22
69	Passive microrheology for measurement of gelation behavior of a kind of polymer gel P(AA-AMPS). <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	20
70	Effect of 1-octanol on the stabilization of crude oil emulsions with hydrophobically modified polyacrylamide. <i>Fuel</i> , 2019, 256, 116007.	3.4	20
71	Study on the stabilization of emulsion formed by Two different inclusion Complexes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 594, 124651.	2.3	20
72	Study on the oil/water separation performance of a super-hydrophobic copper mesh under downhole conditions. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 72, 310-318.	2.9	19

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73	Organic Acid-Enhanced Viscoelastic Surfactant and Its Application in Fracturing Fluids. <i>Energy & Fuels</i> , 2021, 35, 3130-3139.	2.5	19
74	The relationships between rheological rules and cohesive energy of amphiphilic polymers with different hydrophobic groups. <i>Journal of Polymer Research</i> , 2015, 22, 1.	1.2	18
75	Interaction of Amphiphilic Polymers with Medium-Chain Fatty Alcohols to Enhance Rheological Performance and Mobility Control Ability. <i>Energy & Fuels</i> , 2019, 33, 6273-6282.	2.5	18
76	Regulation of polymerizable modification degree of nano-SiO ₂ and the effects on performance of composite microsphere for conformance control. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 585, 124100.	2.3	18
77	Synthesis, Aggregation Behavior and Emulsification Characteristic of a Multi-sticker Amphiphilic Polymer. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013, 50, 302-309.	1.2	17
78	Study on the indigenous stabilization mechanism of light crude oil emulsions based on an in situ solvent-dissolution visualization method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 530, 155-163.	2.3	17
79	A responsive anionic wormlike micelle using pH-directed release of stored sodium based on polybasic acids. <i>Soft Matter</i> , 2018, 14, 5031-5038.	1.2	17
80	Viscoelastic Surfactants with High Salt Tolerance, Fast Dissolving Property, and Ultralow Interfacial Tension for Chemical Flooding in Offshore Oilfields. <i>Journal of Surfactants and Detergents</i> , 2018, 21, 475-488.	1.0	17
81	pH-Responsive aggregates transition from spherical micelles to WLMs induced by hydrotropes based on the dynamic imine bond. <i>Soft Matter</i> , 2020, 16, 9705-9711.	1.2	17
82	Formation mechanism and location distribution of blockage during polymer flooding. <i>Journal of Petroleum Science and Engineering</i> , 2020, 194, 107503.	2.1	17
83	Research on synthesis and salt thickening behavior of a binary copolymer amphiphilic polymer. <i>Journal of Petroleum Science and Engineering</i> , 2021, 204, 108713.	2.1	17
84	Understanding the temperature resistance performance of a borate cross-linked hydroxypropyl guar gum fracturing fluid based on a facile evaluation method. <i>RSC Advances</i> , 2017, 7, 53290-53300.	1.7	16
85	Construction and thickening mechanism of amphiphilic polymer supramolecular system based on polyacid. <i>Journal of Molecular Liquids</i> , 2019, 286, 110921.	2.3	16
86	Study on stabilization of emulsion formed by the supramolecular system of amphiphilic polymer and sodium polyacrylic acid. <i>Journal of Molecular Liquids</i> , 2020, 314, 113644.	2.3	16
87	Fabrication of a pH-responsive emulsifier for heavy oil recovery based on dynamic imine bond. <i>Journal of Molecular Liquids</i> , 2021, 332, 115916.	2.3	16
88	Research on association between multi-sticker amphiphilic polymer and water-soluble β -cyclodextrin polymer. <i>Colloid and Polymer Science</i> , 2014, 292, 895-903.	1.0	15
89	Rheology Properties and Plugging Performance of Fluorescent Polyacrylamide Microspheres in Fractures. <i>Journal of Dispersion Science and Technology</i> , 2016, 37, 345-351.	1.3	15
90	Study on the relationship between emulsion stability and droplet dynamics of a spontaneous emulsion for chemical enhanced oil recovery. <i>Journal of Dispersion Science and Technology</i> , 2018, 39, 1214-1222.	1.3	15

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91	Mechanism of silica nanoparticles' better-thickening effect on amphiphilic polymers in high salinity condition. <i>Journal of Molecular Liquids</i> , 2019, 277, 254-260.	2.3	15
92	Stabilization and performance of a novel viscoelastic N2 foam for enhanced oil recovery. <i>Journal of Molecular Liquids</i> , 2021, 337, 116609.	2.3	15
93	Rheological behavior of a wormlike micelle and an amphiphilic polymer combination for enhanced oil recovery. <i>Physics of Fluids</i> , 2020, 32, .	1.6	14
94	A dynamic scale location monitor method to predict oilfield blockage during water flooding. <i>Journal of Petroleum Science and Engineering</i> , 2020, 191, 107168.	2.1	14
95	The shear stability mechanism of cyclodextrin polymer and amphiphilic polymer inclusion gels. <i>Journal of Molecular Liquids</i> , 2021, 328, 115399.	2.3	14
96	On the effects of organic-acids isomers on temperature-responsiveness in wormlike micelles (WLMs) systems. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 893-902.	5.0	14
97	Gel kinetic characteristics and creep behavior of polymer microspheres based on bulk gel. <i>Journal of Dispersion Science and Technology</i> , 2018, 39, 1808-1819.	1.3	13
98	Coalescence behavior of aqueous drops in water-in-oil emulsions under high-frequency pulsed AC fields. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 93, 415-422.	2.9	13
99	Emulsion stabilization of cyclodextrin polymer inclusion amphiphilic polymers with different hydrophobic chain. <i>Journal of Molecular Liquids</i> , 2021, 326, 115259.	2.3	13
100	Effect of aromatic acid on the rheological behaviors and microstructural mechanism of wormlike micelles in betaine surfactant. <i>Journal of Molecular Liquids</i> , 2021, 332, 115908.	2.3	13
101	Study on preparation and plugging effect of sawdust gel particle in fractured reservoir. <i>Journal of Petroleum Science and Engineering</i> , 2022, 212, 110358.	2.1	13
102	Enhanced oil recovery performance and mechanism of a wormlike micelles flooding system with zwitterionic-anionic surfactants. <i>Journal of Molecular Liquids</i> , 2022, 362, 119726.	2.3	13
103	An Advanced Material with Synergistic Viscoelasticity Enhancement of Hydrophobically Associated Water-soluble Polymer and Surfactant. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100033.	2.0	12
104	Study on shearing resistance and the stability of O/W emulsion of the inclusive and hydrophobic association systems by activation energy methodology. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	11
105	Study on thermally-induced aggregates transformation and its mechanism in cetyltrimethyl ammonium bromide/sodium dodecyl sulfate surfactants mixtures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 522, 628-634.	2.3	11
106	A pH-responsive anionic wormlike micelle based on ion release effect of phosphate. <i>Journal of Molecular Liquids</i> , 2019, 286, 110946.	2.3	11
107	Spontaneous emulsification induced by a novel surfactant-polymer compound system and its application to enhance oil recovery. <i>Journal of Molecular Liquids</i> , 2021, 337, 116399.	2.3	11
108	Thickening behavior and synergistic mechanism of mixed system of two hydrophobically associating polymers. <i>Journal of Dispersion Science and Technology</i> , 2017, 38, 1196-1203.	1.3	10

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109	Stability of oil-in-water (O/W) nanoemulsions and its oil washing performance for enhanced oil recovery. <i>Physics of Fluids</i> , 2021, 33, .	1.6	10
110	A Novel Ultra-Low Interfacial Tension Nanofluid for Enhanced Oil Recovery in Super-Low Permeability Reservoirs. , 2018, , .		9
111	Effect of aging time on the viscoelastic properties of amphiphilic polymer-polyacid supramolecular solution. <i>Physics of Fluids</i> , 2020, 32, 023101.	1.6	9
112	Demulsifier performance at low temperature in a low permeability reservoir. <i>Petroleum Science and Technology</i> , 2016, 34, 1905-1912.	0.7	8
113	Polymer concentration detection method based on fluorescent polymer to evaluate its retention and percolation. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47468.	1.3	8
114	Rheological behaviors and mechanism of pH-stimulus wormlike micelles variation induced by ortho-substituent types of benzoic acid. <i>Journal of Molecular Liquids</i> , 2019, 296, 112080.	2.3	8
115	Effects of sodium chloride on rheological behaviour of the gemini-like surfactants. <i>Soft Matter</i> , 2020, 16, 4024-4031.	1.2	8
116	Stability influence factors and mechanism of produced emulsion from CO ₂ flooding. <i>Journal of Molecular Liquids</i> , 2021, 333, 115974.	2.3	8
117	Rheology and microstructure of zwitterionic-anionic surfactant for enhanced oil recovery. <i>Journal of Molecular Liquids</i> , 2021, 341, 116910.	2.3	8
118	De-emulsification performance and mechanism of β -CD reverse demulsifier for amphiphilic polymer oil in water (O/W) emulsion. <i>Journal of Molecular Liquids</i> , 2021, 342, 117441.	2.3	8
119	Formation and phase transition of hydrogel in a zwitterionic/anionic surfactant system. <i>RSC Advances</i> , 2015, 5, 27623-27629.	1.7	7
120	The optimum synergistic effect of amphiphilic polymers and the stabilization mechanism of a crude oil emulsion. <i>Petroleum Science and Technology</i> , 2017, 35, 1180-1187.	0.7	7
121	A correlation between interfacial tension, emulsifying ability and oil displacement efficiency of ASP system for Daqing crude oil. <i>Petroleum Science and Technology</i> , 2018, 36, 2151-2156.	0.7	7
122	Blockage formation in water-flooding heavy oil reservoirs: The distribution rule and the scaling mechanism. <i>Physics of Fluids</i> , 2021, 33, .	1.6	7
123	Effects of surfactants on rheological properties of a dispersed viscoelastic microsphere. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	6
124	A Low Elastic-microsphere/surfactant/polymer Combined Displacing Method after Polymer Flooding. , 2017, , .		6
125	A Novel Ultra-Low IFT Spontaneous Emulsification System for Enhanced Oil Recovery in Low Permeability Reservoirs. , 2018, , .		6
126	Effect of different molecular weight amphiphilic polymers on emulsifying behavior. <i>Petroleum Science and Technology</i> , 2018, 36, 1544-1551.	0.7	6

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127	Fluid state transition mechanism of a ternary component aqueous solution based on dynamic covalent bond. <i>Journal of Molecular Liquids</i> , 2021, 332, 115849.	2.3	6
128	Study on an emulsion-type blockage removal agent for heavy oil recovery enhanced by polymer. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 89, 273-279.	2.9	5
129	Water-soluble grafted sodium polyacrylate with low concentration: Synthesis and thermal properties. <i>Journal of Molecular Liquids</i> , 2022, 345, 117837.	2.3	5
130	Macro-Rheology and Micro-Rheological Study of Composite Polymer Gel at High Salinity and Acidic Conditions for CO ₂ Shut Off Treatment in Harsh Reservoirs for Improving Oil Recovery. , 2019, , .		4
131	Adsorption of SDBS and Its Effect on Rheology of Preformed Particle Gels. <i>Journal of Dispersion Science and Technology</i> , 2013, 34, 539-545.	1.3	2
132	Oil-Displacement Characteristics and EOR Mechanism of Amphiphilic Polymers With Two Molecular Weights. , 2018, , .		2
133	Alkyl chain length influence of hydrotrope on the pH responsiveness of surfactant aggregates based on dynamic imine bond. <i>Journal of Molecular Liquids</i> , 2022, 360, 119465.	2.3	2
134	The rheological behavior of sodium dodecyl sulfate/N-hexylamine aqueous solution at high concentrations. <i>Journal of Molecular Liquids</i> , 2021, 335, 116140.	2.3	1
135	Efficient Oil Removal of Polymer Flooding Produced Sewerage Using Super-Hydrophobic Mesh Filtration Method. <i>Colloids and Interfaces</i> , 2020, 4, 32.	0.9	0