

Peng Lian

List of Publications by Year in descending order

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papers

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citations

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all docs

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docs citations

19
times ranked

446
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of zwitterionic surfactant adsorption on the component distribution in the crude oil droplet: A molecular simulation study. <i>Fuel</i> , 2021, 283, 119252.	3.4	36
2	Effects of Micellization Behavior on the Interfacial Adsorption in Binary Anionic/Nonionic Surfactant Systems: A Molecular Simulation Study. <i>Langmuir</i> , 2021, 37, 11835-11843.	1.6	6
3	Novel molecular insight into the discrepant distributions for ionic surfactants in light oil/water and heavy oil/water systems. <i>Fuel</i> , 2021, 304, 121460.	3.4	11
4	Novel Insights into the Self-assembly Behaviors of Cationic Surfactant and Bivalent Acid: Effects of Group Positions in Bivalent Acid. <i>Journal of Molecular Liquids</i> , 2021, , 118012.	2.3	0
5	The Effects of Dynamic Noncovalent Interaction between Surfactants and Additional Salt on the pH-Switchable Interfacial Tension Variations. <i>Journal of Surfactants and Detergents</i> , 2020, 23, 169-176.	1.0	4
6	Insights into the Assembly of the Pseudogemini Surfactant at the Oil/Water Interface: A Molecular Simulation Study. <i>Langmuir</i> , 2020, 36, 1839-1847.	1.6	20
7	Mechanism studies on the application of the mixed cationic/anionic surfactant systems to enhance oil recovery. <i>Fuel</i> , 2019, 258, 116156.	3.4	64
8	The effects of surfactant/hydrocarbon interaction on enhanced surfactant interfacial activity in the water/hydrocarbon system. <i>Journal of Molecular Liquids</i> , 2019, 293, 111570.	2.3	6
9	pH-Switchable IFT variations and emulsions based on the dynamic noncovalent surfactant/salt assembly at the water/oil interface. <i>Soft Matter</i> , 2019, 15, 5529-5536.	1.2	13
10	Systematic investigation of the effects of an anionic surface active ionic liquid on the interfacial tension of a water/crude oil system and its application to enhance crude oil recovery. <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 1657-1663.	1.3	11
11	Facilely control the SDS ability to reduce the interfacial tension via the host-guest recognition. <i>Journal of Molecular Liquids</i> , 2018, 255, 370-374.	2.3	14
12	Systematic Investigation of the Effects of Zwitterionic Surface-Active Ionic Liquids on the Interfacial Tension of a Water/Crude Oil System and Their Application To Enhance Crude Oil Recovery. <i>Energy & Fuels</i> , 2018, 32, 154-160.	2.5	41
13	Systematic investigation of ionic liquid-type gemini surfactants and their abnormal salt effects on the interfacial tension of a water/model oil system. <i>Journal of Molecular Liquids</i> , 2018, 249, 33-39.	2.3	51
14	The great improvement of the surfactant interfacial activity via the intermolecular interaction with the additional appropriate salt. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 554, 142-148.	2.3	19
15	Systematic investigation of the effects of mixed cationic/anionic surfactants on the interfacial tension of a water/model oil system and their application to enhance crude oil recovery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 529, 621-627.	2.3	78
16	Facile construction of gemini-like surfactants at the interface and their effects on the interfacial tension of a water/model oil system. <i>RSC Advances</i> , 2017, 7, 32413-32418.	1.7	16
17	Thermostability Mechanism for the Hyperthermophilicity of Extremophile Cellulase <i>Cel12A</i> : Implied from Molecular Dynamics Simulation. <i>Journal of Physical Chemistry B</i> , 2016, 120, 7346-7352.	1.2	4
18	Selective imaging and cancer cell death via pH switchable near-infrared fluorescence and photothermal effects. <i>Chemical Science</i> , 2016, 7, 5995-6005.	3.7	94

#	ARTICLE	IF	CITATIONS
19	Higher-Affinity Agonists of 5-HT _{1A} R Discovered through Tuning the Binding-Site Flexibility. Journal of Chemical Information and Modeling, 2015, 55, 1616-1627.	2.5	11