

Lin Li

List of Publications by Year in descending order

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25
papers

1,496
citations

623188

14
h-index

610482

24
g-index

25
all docs

25
docs citations

25
times ranked

2351
citing authors

#	ARTICLE	IF	CITATIONS
1	Mussel-inspired superhydrophilic membrane constructed on a hydrophilic polymer network for highly efficient oil/water separation. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 702-710.	5.0	46
2	Probing the effect of Young's modulus on the plugging performance of micro-nano-scale dispersed particle gels. <i>Petroleum Science</i> , 2022, 19, 688-696.	2.4	12
3	Biomimetic functional hydrogel particles with enhanced adhesion characteristics for applications in fracture conformance control. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 106, 482-491.	2.9	11
4	Synthesis and Performance Evaluation of Polyhydroxy Benzene Sulfonate Oil Displacement Agent Based on Enhanced Interfacial Wettability Control. <i>Acta Chimica Sinica</i> , 2022, 80, 63.	0.5	3
5	Anionic surfactant based on oil-solid interfacial interaction control for efficient residual oil development. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129396.	2.3	5
6	Mussel-inspired hydrogel particles with selective adhesion characteristics for applications in reservoir fracture control. <i>Journal of Molecular Liquids</i> , 2022, 361, 119598.	2.3	4
7	CO ₂ -responsive zwitterionic copolymer for effective emulsification and facile demulsification of crude heavy oil. <i>Journal of Molecular Liquids</i> , 2021, 325, 115166.	2.3	12
8	Novel polyhydroxy anionic surfactants with excellent water-solid interfacial wettability control capability for enhanced oil recovery. <i>Journal of Molecular Liquids</i> , 2021, 343, 116973.	2.3	21
9	Self-growing Hydrogel Particles with Applications for Reservoir Control: Growth Behaviors and Influencing Factors. <i>Journal of Physical Chemistry B</i> , 2021, 125, 9870-9878.	1.2	14
10	Lignosulfonate/diblock copolymer polyion complexes with aggregation-enhanced and pH-switchable fluorescence for information storage and encryption. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 722-731.	3.6	6
11	Bio-inspired membrane with adaptable wettability for smart oil/water separation. <i>Journal of Membrane Science</i> , 2020, 598, 117661.	4.1	83
12	Assembly of Ultralight Dual Network Graphene Aerogel with Applications for Selective Oil Absorption. <i>Langmuir</i> , 2020, 36, 13698-13707.	1.6	37
13	Numerical simulation of ductile fracture in polyethylene pipe with continuum damage mechanics and Gurson-Tvergaard-Needleman damage models. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2019, 233, 2455-2468.	0.7	3
14	Quantification of strain-induced damage in semi-crystalline polymers: a review. <i>Journal of Materials Science</i> , 2019, 54, 62-82.	1.7	47
15	Modelling and Design of MEMS Piezoresistive Out-of-Plane Shear and Normal Stress Sensors. <i>Sensors</i> , 2018, 18, 3737.	2.1	3
16	Dispersed Particle Gel-Strengthened Polymer/Surfactant as a Novel Combination Flooding System for Enhanced Oil Recovery. <i>Energy & Fuels</i> , 2018, 32, 11317-11327.	2.5	57
17	Injectable Self-Healing Hydrogel with Antimicrobial and Antifouling Properties. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9221-9225.	4.0	145
18	Duplicating Dynamic Strain-Stiffening Behavior and Nanomechanics of Biological Tissues in a Synthetic Self-Healing Flexible Network Hydrogel. <i>ACS Nano</i> , 2017, 11, 11074-11081.	7.3	105

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19	Probing the Reversible Fe ³⁺ –DOPA-Mediated Bridging Interaction in Mussel Foot Protein-1. <i>Journal of Physical Chemistry C</i> , 2016, 120, 21670-21677.	1.5	22
20	Self-Healing and Injectable Shear Thinning Hydrogels Based on Dynamic Oxaborole-Diol Covalent Cross-Linking. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 2315-2323.	2.6	42
21	Marine mussel adhesion and bio-inspired wet adhesives. <i>Biotribology</i> , 2016, 5, 44-51.	0.9	76
22	Novel Mussel-Inspired Injectable Self-Healing Hydrogel with Anti-Biofouling Property. <i>Advanced Materials</i> , 2015, 27, 1294-1299.	11.1	473
23	Mussel-inspired antifouling coatings bearing polymer loops. <i>Chemical Communications</i> , 2015, 51, 15780-15783.	2.2	91
24	Mussel-inspired hydrogels for biomedical and environmental applications. <i>Polymer Chemistry</i> , 2015, 6, 353-358.	1.9	177
25	Injectable Hydrogel with Ultrafast In Situ Reforming Properties. <i>Macromolecular Materials and Engineering</i> , 0, , 2100639.	1.7	1