

Yiling Nan

List of Publications by Year in descending order

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11
papers

948
citations

1163117
8
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1281871
11
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11
all docs

11
docs citations

11
times ranked

1421
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Dynamics Studies on Effective Surface-Active Additives: Toward Hard Water-Resistant Chemical Flooding for Enhanced Oil Recovery. <i>Langmuir</i> , 2022, 38, 4802-4811.	3.5	5
2	CO ₂ solubility in brine in silica nanopores in relation to geological CO ₂ sequestration in tight formations: Effect of salinity and pH. <i>Chemical Engineering Journal</i> , 2021, 411, 127626.	12.7	37
3	Molecular Dynamics Study on CO ₂ Storage in Water-Filled Kerogen Nanopores in Shale Reservoirs: Effects of Kerogen Maturity and Pore Size. <i>Langmuir</i> , 2021, 37, 542-552.	3.5	33
4	Ion Valency and Concentration Effect on the Structural and Thermodynamic Properties of Brine-Decane Interfaces with Anionic Surfactant (SDS). <i>Journal of Physical Chemistry B</i> , 2021, 125, 9610-9620.	2.6	12
5	Ethanol Blending to Improve Reverse Micelle Dispersivity in Supercritical CO ₂ : A Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , 2021, 125, 9621-9628.	2.6	9
6	Slip length of methane flow under shale reservoir conditions: Effect of pore size and pressure. <i>Fuel</i> , 2020, 259, 116237.	6.4	56
7	Role of Alcohol as a Cosurfactant at the Brine-Oil Interface under a Typical Reservoir Condition. <i>Langmuir</i> , 2020, 36, 5198-5207.	3.5	16
8	A hybrid theoretical method for predicting electrokinetic energy conversion in nanochannels. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 9110-9116.	2.8	1
9	Hydrophilicity/hydrophobicity driven CO ₂ solubility in kaolinite nanopores in relation to carbon sequestration. <i>Chemical Engineering Journal</i> , 2020, 398, 125449.	12.7	38
10	Effects of Salinity and N-, S-, and O-Bearing Polar Components on Light Oil-Brine Interfacial Properties from Molecular Perspectives. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23520-23528.	3.1	25
11	Mechanically robust, readily repairable polymers via tailored noncovalent cross-linking. <i>Science</i> , 2018, 359, 72-76.	12.6	716