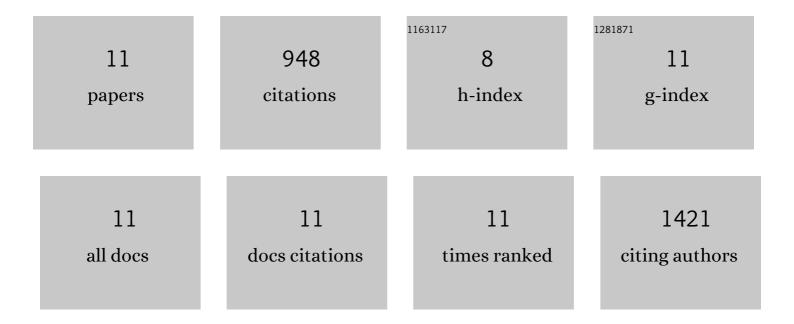
## Yiling Nan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1751167/publications.pdf Version: 2024-02-01



YUNC NAN

#	Article	IF	CITATIONS
1	Molecular Dynamics Studies on Effective Surface-Active Additives: Toward Hard Water-Resistant Chemical Flooding for Enhanced Oil Recovery. Langmuir, 2022, 38, 4802-4811.	3.5	5
2	CO2 solubility in brine in silica nanopores in relation to geological CO2 sequestration in tight formations: Effect of salinity and pH. Chemical Engineering Journal, 2021, 411, 127626.	12.7	37
3	Molecular Dynamics Study on CO <sub>2</sub> Storage in Water-Filled Kerogen Nanopores in Shale Reservoirs: Effects of Kerogen Maturity and Pore Size. Langmuir, 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). Journal of Physical Chemistry B, 2021, 125, 9610-9620.	2.6	12
5	Ethanol Blending to Improve Reverse Micelle Dispersity in Supercritical CO <sub>2</sub> : A Molecular Dynamics Study. Journal of Physical Chemistry B, 2021, 125, 9621-9628.	2.6	9
6	Slip length of methane flow under shale reservoir conditions: Effect of pore size and pressure. Fuel, 2020, 259, 116237.	6.4	56
7	Role of Alcohol as a Cosurfactant at the Brine–Oil Interface under a Typical Reservoir Condition. Langmuir, 2020, 36, 5198-5207.	3.5	16
8	A hybrid theoretical method for predicting electrokinetic energy conversion in nanochannels. Physical Chemistry Chemical Physics, 2020, 22, 9110-9116.	2.8	1
9	Hydrophilicity/hydrophobicity driven CO2 solubility in kaolinite nanopores in relation to carbon sequestration. Chemical Engineering Journal, 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. Journal of Physical Chemistry C, 2019, 123, 23520-23528.	3.1	25
11	Mechanically robust, readily repairable polymers via tailored noncovalent cross-linking. Science, 2018, 359, 72-76.	12.6	716