

Nicholas Ling

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8806910/publications.pdf>

Version: 2024-02-01

16
papers

222
citations

1163117

8
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

233
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying the Effect of Salinity on Oilfield Water-in-Oil Emulsion Stability. Energy & Fuels, 2018, 32, 10042-10049.	5.1	39
2	NMR studies of emulsion microstructure approaching the phase inversion point. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 462, 244-251.	4.7	36
3	Effect of Brine Salinity on the Stability of Hydrate-in-Oil Dispersions and Water-in-Oil Emulsions. Energy & Fuels, 2015, 29, 7948-7955.	5.1	30
4	Quantitative Tortuosity Measurements of Carbonate Rocks Using Pulsed Field Gradient NMR. Transport in Porous Media, 2019, 130, 847-865.	2.6	22
5	By-line NMR emulsion droplet sizing. Chemical Engineering Science, 2017, 160, 362-369.	3.8	18
6	NMR Studies of the Effect of CO ₂ on Oilfield Emulsion Stability. Energy & Fuels, 2016, 30, 5555-5562.	5.1	16
7	Shear-induced emulsion droplet diffusion studies using NMR. Journal of Colloid and Interface Science, 2016, 464, 229-237.	9.4	14
8	Low-field NMR relaxation-exchange measurements for the study of gas admission in microporous solids. Physical Chemistry Chemical Physics, 2020, 22, 13689-13697.	2.8	9
9	Solid-Phase Extraction Nuclear Magnetic Resonance (SPE-NMR): Prototype Design, Development, and Automation. Industrial & Engineering Chemistry Research, 2020, 59, 20836-20844.	3.7	7
10	Minimum miscibility pressure of CO ₂ and oil evaluated using MRI and NMR measurements. Journal of Petroleum Science and Engineering, 2022, 214, 110515.	4.2	7
11	Quantitative measurement of Mono-Ethylene Glycol (MEG) content using low-field Nuclear Magnetic Resonance (NMR). Journal of Natural Gas Science and Engineering, 2022, 101, 104520.	4.4	6
12	Model Synthetic Samples for Validation of NMR Signal Simulations. Transport in Porous Media, 2022, 142, 623-639.	2.6	5
13	Explosive Emulsion Characterisation using Nuclear Magnetic Resonance. Propellants, Explosives, Pyrotechnics, 2019, 44, 531-540.	1.6	4
14	Effect of hydrate anti-agglomerants on water-in-crude oil emulsion stability. Journal of Petroleum Exploration and Production, 2020, 10, 139-148.	2.4	4
15	The Effect of Inert Salts on Explosive Emulsion Thermal Degradation. Propellants, Explosives, Pyrotechnics, 2021, 46, 360-367.	1.6	3
16	Emulsion Breakage Mechanism Using Pressurized Carbon Dioxide. Energy & Fuels, 2019, 33, 4939-4945.	5.1	2