

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