

Yuan Chi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

140
citations

1162367

8
h-index

1372195

10
g-index

12
all docs

12
docs citations

12
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Pore-scale visualization study on CO ₂ displacement of brine in micromodels with circular and square cross sections. <i>International Journal of Greenhouse Gas Control</i> , 2020, 95, 102958.	2.3	20
2	Experimental study of the supercritical CO ₂ diffusion coefficient in porous media under reservoir conditions. <i>Royal Society Open Science</i> , 2019, 6, 181902.	1.1	19
3	CO ₂ Adsorption Behavior of Graphite Oxide Modified with Tetraethylenepentamine. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 202-207.	1.0	18
4	Density characteristics of CO ₂ -CH ₄ binary mixtures at temperatures from (300 to 308.15)K and pressures from (2 to 18)MPa. <i>Journal of Chemical Thermodynamics</i> , 2017, 106, 1-9.	1.0	13
5	Review of Density Measurements and Predictions of CO ₂ -Alkane Solutions for Enhancing Oil Recovery. <i>Energy & Fuels</i> , 2021, 35, 2914-2935.	2.5	13
6	In situ measurement of the dispersion coefficient of liquid/supercritical CO ₂ -CH ₄ in a sandpack using CT. <i>RSC Advances</i> , 2016, 6, 42367-42376.	1.7	12
7	Thermodynamics and Kinetics of CO ₂ /CH ₄ Adsorption on Shale from China: Measurements and Modeling. <i>Energies</i> , 2019, 12, 978.	1.6	12
8	Competitive adsorption/desorption of CO ₂ /CH ₄ mixtures on anthracite from China over a wide range of pressures and temperatures. <i>RSC Advances</i> , 2016, 6, 98588-98597.	1.7	9
9	Insights into the Interfacial Contact and Charge Transport of Gas-Sensing Liquid Metal Marbles. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 30112-30123.	4.0	9
10	In-situ measurement of interfacial tension: Further insights into effect of interfacial tension on the kinetics of CO ₂ hydrate formation. <i>Energy</i> , 2022, 239, 122143.	4.5	7
11	Molecular simulation of equal density temperature in CCS under geological sequestration conditions. , 2020, 10, 90-102.		4
12	The density characteristics of CO ₂ and alkane mixtures using PC-SAFT EoS. , 2020, 10, 1063-1076.		4