

# Pengyu Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2138321/publications.pdf>

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8  
papers

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1937685  
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docs citations

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times ranked

35  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular investigation on CO <sub>2</sub> -CH <sub>4</sub> displacement and kerogen deformation in enhanced shale gas recovery. Fuel, 2022, 315, 123208.	6.4	21
2	Atomistic Study of Dynamic Contact Angles in CO <sub>2</sub> -Water-Silica System. Langmuir, 2019, 35, 5324-5332.	3.5	17
3	Influence of surface roughness on methane flow in shale kerogen nano-slits. Journal of Natural Gas Science and Engineering, 2022, 103, 104650.	4.4	15
4	Effect of sorption-induced deformation on methane flow in kerogen slit pores. Fuel, 2022, 325, 124886.	6.4	14
5	Coarse-grained modeling of multiphase interactions at microscale. Journal of Chemical Physics, 2018, 149, 124505.	3.0	4
6	Static friction between rigid fractal surfaces. Physical Review E, 2015, 92, 032405.	2.1	2
7	Numerical investigation of microscale dynamic contact angles of the CO <sub>2</sub> -water-silica system using coarse-grained molecular approach. Computational Mechanics, 2020, 66, 707-722.	4.0	1
8	Measurements of the relative permeability to CO <sub>2</sub> and brine multiphase fluid of Paaratte formation at near-reservoir conditions. , 2021, 11, 697-711.		0