

# Feng Yang

## List of Publications by Year in descending order

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27  
papers

1,866  
citations

393982

19  
h-index

552369

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-scale pore structure, pore network and pore connectivity of tight shale oil reservoir from Triassic Yanchang Formation, Ordos Basin. <i>Journal of Petroleum Science and Engineering</i> , 2022, 212, 110283.	2.1	26
2	Experiments and phase-field simulation of counter-current imbibition in porous media with different pore structure. <i>Journal of Hydrology</i> , 2022, 608, 127670.	2.3	12
3	Characterizing Shale Oil Occurrence in the Yanchang Formation of the Ordos Basin, Assisted by Petrophysical and Geochemical Approaches. <i>Energy &amp; Fuels</i> , 2022, 36, 370-381.	2.5	8
4	Fractal Analysis of Pore Structure Differences Between Shale and Sandstone Based on the Nitrogen Adsorption Method. <i>Natural Resources Research</i> , 2022, 31, 1759-1773.	2.2	14
5	The effect of tectonic deformation and preservation condition on the shale pore structure using adsorption-based textural quantification and 3D image observation. <i>Energy</i> , 2021, 219, 119579.	4.5	48
6	Experimental Investigation about Gas Transport in Tight Shales: An Improved Relationship between Gas Slippage and Petrophysical Properties. <i>Energy &amp; Fuels</i> , 2021, 35, 3937-3950.	2.5	21
7	Modeling Water Imbibition and Penetration in Shales: New Insights into the Retention of Fracturing Fluids. <i>Energy &amp; Fuels</i> , 2021, 35, 13776-13787.	2.5	14
8	Water Sorption and Transport in Shales: An Experimental and Simulation Study. <i>Water Resources Research</i> , 2021, 57, e2019WR026888.	1.7	33
9	Pore structures of different types of shales and shale gas exploration of the Ordovician Wufeng and Silurian Longmaxi successions in the eastern Sichuan Basin, South China. <i>Journal of Asian Earth Sciences</i> , 2020, 193, 104271.	1.0	50
10	Quantitative calculated shale gas contents with different lithofacies: A case study of Fuling gas shale, Sichuan Basin, China. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 76, 103222.	2.1	30
11	The Role of Microfabric and Laminae on Pore Structure and Gas Transport Pathways of Marine Shales from Sichuan Basin, China. <i>Geofluids</i> , 2020, 2020, 1-19.	0.3	2
12	Full-scale pores and micro-fractures characterization using FE-SEM, gas adsorption, nano-CT and micro-CT: A case study of the Silurian Longmaxi Formation shale in the Fuling area, Sichuan Basin, China. <i>Fuel</i> , 2019, 253, 167-179.	3.4	130
13	Petrophysical characteristics of shales with different lithofacies in Jiaoshiba area, Sichuan Basin, China: Implications for shale gas accumulation mechanism. <i>Marine and Petroleum Geology</i> , 2019, 109, 394-407.	1.5	50
14	Oil recovery by spontaneous imbibition from partially water-covered matrix blocks with different boundary conditions. <i>Journal of Petroleum Science and Engineering</i> , 2019, 172, 454-464.	2.1	50
15	Petrophysics and Fluid Transport in Shales and Tight Reservoirs. <i>Geofluids</i> , 2018, 2018, 1-3.	0.3	1
16	Thermodynamic Characteristic of Methane Sorption on Shales from Oil, Gas, and Condensate Windows. <i>Energy &amp; Fuels</i> , 2018, 32, 10443-10456.	2.5	23
17	A reference high-pressure CO <sub>2</sub> adsorption isotherm for ammonium ZSM-5 zeolite: results of an interlaboratory study. <i>Adsorption</i> , 2018, 24, 531-539.	1.4	59
18	High-Pressure Methane Sorption on Dry and Moisture-Equilibrated Shales. <i>Energy &amp; Fuels</i> , 2017, 31, 482-492.	2.5	100

#	ARTICLE	IF	CITATIONS
19	Supercritical Methane Sorption on Organic-Rich Shales over a Wide Temperature Range. <i>Energy &amp; Fuels</i> , 2017, 31, 13427-13438.	2.5	36
20	A laboratory study of the porosity-permeability relationships of shale and sandstone under effective stress. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2016, 81, 19-27.	2.6	65
21	Pore structure of Cambrian shales from the Sichuan Basin in China and implications to gas storage. <i>Marine and Petroleum Geology</i> , 2016, 70, 14-26.	1.5	84
22	Pore structure characteristics of lower Silurian shales in the southern Sichuan Basin, China: Insights to pore development and gas storage mechanism. <i>International Journal of Coal Geology</i> , 2016, 156, 12-24.	1.9	203
23	Impacts of nanopore structure and elastic properties on stress-dependent permeability of gas shales. <i>Journal of Natural Gas Science and Engineering</i> , 2015, 26, 1663-1672.	2.1	65
24	Evaluation of Petrophysical and Mechanical Features for Shale Gas Reservoirs in South Sichuan Basin, China. , 2015, , .		1
25	Investigations on the methane sorption capacity of marine shales from Sichuan Basin, China. <i>International Journal of Coal Geology</i> , 2015, 146, 104-117.	1.9	221
26	Fractal characteristics of shales from a shale gas reservoir in the Sichuan Basin, China. <i>Fuel</i> , 2014, 115, 378-384.	3.4	500
27	Microscale effect of microvadose in shale reservoirs. <i>Petroleum Exploration and Development</i> , 2014, 41, 492-499.	3.0	20