Gang Hui

List of Publications by Year
in descending order

19	301	933447 10	888059 17
papers	citations	h-index	g-index

19	19	19	131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Machine learning-based production forecast for shale gas in unconventional reservoirs via integration of geological and operational factors. Journal of Natural Gas Science and Engineering, 2021, 94, 104045.	4.4	53
2	Dynamic fractures are an emerging new development geological attribute in water-flooding development of ultra-low permeability reservoirs. Petroleum Exploration and Development, 2015, 42, 247-253.	7.0	32
3	Molecular dynamics computations of brine-CO2/CH4-shale contact angles: Implications for CO2 sequestration and enhanced gas recovery. Fuel, 2020, 280, 118590.	6.4	32
4	Determination of CH4, C2H6 and CO2 adsorption in shale kerogens coupling sorption-induced swelling. Chemical Engineering Journal, 2021, 410, 127690.	12.7	31
5	An integrated approach to characterize hydraulic fracturing-induced seismicity in shale reservoirs. Journal of Petroleum Science and Engineering, 2021, 196, 107624.	4.2	27
6	Production forecast and optimization for parent-child well pattern in unconventional reservoirs. Journal of Petroleum Science and Engineering, 2021, 203, 108899.	4.2	20
7	Hydraulic fracturing-induced seismicity characterization through coupled modeling of stress and fracture-fault systems. Advances in Geo-Energy Research, 2022, 6, 269-270.	6.0	20
8	Investigation on Two M_w 3.6 and M_w 4.1 Earthquakes Triggered by Poroelastic Effects of Hydraulic Fracturing Operations Near Crooked Lake, Alberta. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB020308.	3.4	15
9	Comprehensive Characterization and Mitigation of Hydraulic Fracturing-Induced Seismicity in Fox Creek, Alberta. SPE Journal, 2021, , 1-12.	3.1	14
10	Influence of hydrological communication between basement-rooted faults and hydraulic fractures on induced seismicity: A case study. Journal of Petroleum Science and Engineering, 2021, 206, 109040.	4.2	13
11	The increased viscosity effect for fracturing fluid imbibition in shale. Chemical Engineering Science, 2021, 232, 116352.	3.8	10
12	Insights on Controlling Factors of Hydraulically Induced Seismicity in the Duvernay East Shale Basin. Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009563.	2.5	9
13	Role of Fluid Diffusivity in the Spatiotemporal Migration of Induced Earthquakes during Hydraulic Fracturing in Unconventional Reservoirs. Energy & Fuels, 2021, 35, 17685-17697.	5.1	8
14	A novel model to determine gas content in naturally fractured shale. Fuel, 2021, 306, 121714.	6.4	7
15	Gas storage and transport in porous media: From shale gas to helium-3. Planetary and Space Science, 2021, 204, 105283.	1.7	5
16	Quasi-Continuum Water Flow under Nanoconfined Conditions: Coupling the Effective Viscosity and the Slip Length. Industrial & Engineering Chemistry Research, 2020, 59, 20504-20514.	3.7	3
17	The Effect of Hydraulic-Natural Fracture Networks on the Waterflooding Development in a Multilayer Tight Reservoir: Case Study. Geofluids, 2021, 2021, 1-15.	0.7	2
18	A Novel Coupled Approach to Investigate the Spatiotemporal Evolution of Fracturing-Induced Seismicity: Case Study. , 2021, , .		0

#	Article	IF	Citations
19	Combination of Geomechanics, Stress Field with Reservoir Static and Dynamic Performance to Characterize Dynamic Fractures in Ultra-low Permeability Reservoirs. Springer Series in Geomechanics and Geoengineering, 2019, , 1735-1745.	0.1	0