

Gang Hui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2452154/publications.pdf>

Version: 2024-02-01

19
papers

301
citations

933447

10
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

131
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydraulic fracturing-induced seismicity characterization through coupled modeling of stress and fracture-fault systems. <i>Advances in Geo-Energy Research</i> , 2022, 6, 269-270.	6.0	20
2	An integrated approach to characterize hydraulic fracturing-induced seismicity in shale reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2021, 196, 107624.	4.2	27
3	The increased viscosity effect for fracturing fluid imbibition in shale. <i>Chemical Engineering Science</i> , 2021, 232, 116352.	3.8	10
4	Determination of CH ₄ , C ₂ H ₆ and CO ₂ adsorption in shale kerogens coupling sorption-induced swelling. <i>Chemical Engineering Journal</i> , 2021, 410, 127690.	12.7	31
5	The Effect of Hydraulic-Natural Fracture Networks on the Waterflooding Development in a Multilayer Tight Reservoir: Case Study. <i>Geofluids</i> , 2021, 2021, 1-15.	0.7	2
6	Insights on Controlling Factors of Hydraulically Induced Seismicity in the Duvernay East Shale Basin. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009563.	2.5	9
7	A Novel Coupled Approach to Investigate the Spatiotemporal Evolution of Fracturing-Induced Seismicity: Case Study. , 2021, , .		0
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. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020308.	3.4	15
9	Comprehensive Characterization and Mitigation of Hydraulic Fracturing-Induced Seismicity in Fox Creek, Alberta. <i>SPE Journal</i> , 2021, , 1-12.	3.1	14
10	Production forecast and optimization for parent-child well pattern in unconventional reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2021, 203, 108899.	4.2	20
11	Gas storage and transport in porous media: From shale gas to helium-3. <i>Planetary and Space Science</i> , 2021, 204, 105283.	1.7	5
12	Machine learning-based production forecast for shale gas in unconventional reservoirs via integration of geological and operational factors. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 94, 104045.	4.4	53
13	Influence of hydrological communication between basement-rooted faults and hydraulic fractures on induced seismicity: A case study. <i>Journal of Petroleum Science and Engineering</i> , 2021, 206, 109040.	4.2	13
14	A novel model to determine gas content in naturally fractured shale. <i>Fuel</i> , 2021, 306, 121714.	6.4	7
15	Role of Fluid Diffusivity in the Spatiotemporal Migration of Induced Earthquakes during Hydraulic Fracturing in Unconventional Reservoirs. <i>Energy & Fuels</i> , 2021, 35, 17685-17697.	5.1	8
16	Molecular dynamics computations of brine-CO ₂ /CH ₄ -shale contact angles: Implications for CO ₂ sequestration and enhanced gas recovery. <i>Fuel</i> , 2020, 280, 118590.	6.4	32
17	Quasi-Continuum Water Flow under Nanoconfined Conditions: Coupling the Effective Viscosity and the Slip Length. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 20504-20514.	3.7	3
18	Combination of Geomechanics, Stress Field with Reservoir Static and Dynamic Performance to Characterize Dynamic Fractures in Ultra-low Permeability Reservoirs. <i>Springer Series in Geomechanics and Geoengineering</i> , 2019, , 1735-1745.	0.1	0

#	ARTICLE	IF	CITATIONS
19	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