

Christina Lopano

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

260
citations

1478505

6
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

309
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing a robust geochemical and reactive transport model to evaluate possible sources of arsenic at the CO ₂ sequestration natural analog site in Chimayo, New Mexico. International Journal of Greenhouse Gas Control, 2012, 10, 199-214.	4.6	69
2	Reactive transport of CO ₂ -saturated water in a cement fracture: Application to wellbore leakage during geologic CO ₂ storage. International Journal of Greenhouse Gas Control, 2016, 44, 276-289.	4.6	59
3	An investigation of factors affecting the interaction of CO ₂ and CH ₄ on shale in Appalachian Basin. Journal of Unconventional Oil and Gas Resources, 2016, 14, 99-112.	3.5	42
4	Influence of Reactive Flow Conditions on Barite Scaling in Marcellus Shale during Stimulation and Shut-In Periods of Hydraulic Fracturing. Energy & Fuels, 2020, 34, 13625-13635.	5.1	22
5	Predicting the potential for mineral scale precipitation in unconventional reservoirs due to fluid-rock and fluid mixing geochemical reactions. Fuel, 2021, 284, 118883.	6.4	18
6	Geochemical controls on CO ₂ interactions with deep subsurface shales: implications for geologic carbon sequestration. Environmental Sciences: Processes and Impacts, 2021, 23, 1278-1300.	3.5	16
7	Laboratory-Scale Studies on Chemical Reactions Between Fracturing Fluid and Shale Core From the Marcellus Shale Energy and Environmental Laboratory (MSEEL) Site. , 2017, , .		11
8	Utilization of produced water baseline as a groundwater monitoring tool at a CO ₂ -EOR site in the Permian Basin, Texas, USA. Applied Geochemistry, 2020, 121, 104688.	3.0	5
9	Investigation of Barite Scaling During Reaction between Pre-Treated Hydraulic Fracturing Fluid from the Field and Marcellus Shale. , 2020, , .		5
10	Determination of transition metal ions in fossil fuel associated wastewaters using chelation ion chromatography. Journal of Chromatography A, 2022, 1668, 462924.	3.7	4
11	Bench-Top Experiments Evaluating Simulated Hydraulic Fracturing Fluid Interactions with Marcellus Shale Core. , 2018, , .		3
12	Reactive Transport Modeling of Geological Carbon Storage Associated With CO ₂ and Brine Leakage. , 2019, , 89-116.		3
13	Influence of Flow Pathway Geometry on Barite Scale Deposition in Marcellus Shale during Hydraulic Fracturing. Energy & Fuels, 2021, 35, 11947-11957.	5.1	3