Amin Amirlatifi

List of Publications by Year
in descending order

14 papers	**167** citations	1937685 **4** h-index	1588992 **8** g-index
14 all docs	**14** docs citations	**14** times ranked	**144** citing authors

#	Article	IF	Citations
1	Characterizing the CO2-brine interfacial tension (IFT) using robust modeling approaches: A comparative study. Journal of Molecular Liquids, 2017, 246, 32-38.	4.9	47
2	Machine Learning Algorithms in Quantum Computing: A Survey. , 2020, , .		37
3	Potential CO_2 leakage from geological storage sites: advances and challenges. Environmental Geotechnics, 2021, 8, 3-27.	2.3	22
4	A novel compartmental model to capture the nonlinear trend of COVID-19. Computers in Biology and Medicine, 2021, 134, 104421.	7.0	19
5	Variation of pore-network, mechanical and hydrological characteristics of sandstone specimens through CO2-enriched brine injection. Geomechanics for Energy and the Environment, 2021, 26, 100217.	2.5	15
6	Recovery Factor Prediction for Deepwater Gulf of Mexico Oilfields by Integration of Dimensionless Numbers with Data Mining Techniques. , 2016, , .		10
7	A Survey of HMM-based Algorithms in Machinery Fault Prediction. , 2021, , .		5
8	Variation of failure properties, creep response and ultrasonic velocities of sandstone upon injecting CO2-enriched brine. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2021, 7, 1.	2.9	4
9	Estimation of Reservoir Uplift, Seismicity and Failure Likelihood during CO2 Injection through Coupled Reservoir Simulation. , 2011, , .		3
10	Reusing abandoned natural gas storage sites for compressed air energy storage. Environmental Geotechnics, 2021, 8, 55-68.	2.3	3
11	Data analytics to investigate the cohort of injection wells with earthquakes in Oklahoma. Earthquake Spectra, 2021, 37, 1652-1672.	3.1	1
12	Evolution of fracture permeability and aperture during CO2 storage in varyingly cemented sedimentary rocks. Geomechanics for Energy and the Environment, 2021, , 100289.	2.5	1
13	Machine Learning Assisted Lithology Prediction Utilizing Toeplitz Inverse Covariance-Based Clustering (TICC). , 2021, , .		0
14	Machinery Faults Prediction Using Ensemble Tree Classifiers: Bagging or Boosting?. Proceedings of the Annual Conference of the Prognostics and Health Management Society Prognostics and Health Management Society Conference, 2021, 13, .	0.3	0