

Feng Pan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

803
citations

687363

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	CO ₂ Accounting and Risk Analysis for CO ₂ Sequestration at Enhanced Oil Recovery Sites. Environmental Science & Technology, 2016, 50, 7546-7554.	10.0	228
2	Uncertainty analysis of carbon sequestration in an active CO ₂ -EOR field. International Journal of Greenhouse Gas Control, 2016, 51, 18-28.	4.6	81
3	Co-optimization of CO ₂ -EOR and storage processes in mature oil reservoirs. , 2017, 7, 128-142.		81
4	Uncertainty Quantification for CO ₂ Sequestration and Enhanced Oil Recovery. Energy Procedia, 2014, 63, 7685-7693.	1.8	69
5	Potential chemical impacts of CO ₂ leakage on underground source of drinking water assessed by quantitative risk analysis. International Journal of Greenhouse Gas Control, 2016, 50, 305-316.	4.6	54
6	Impacts of hydrological heterogeneities on caprock mineral alteration and containment of CO ₂ in geological storage sites. International Journal of Greenhouse Gas Control, 2014, 24, 30-42.	4.6	50
7	Probabilistic analysis of CO ₂ storage mechanisms in a CO ₂ -EOR field using polynomial chaos expansion. International Journal of Greenhouse Gas Control, 2016, 51, 218-229.	4.6	34
8	Impact of Three-Phase Relative Permeability and Hysteresis Models on Forecasts of Storage Associated With CO ₂ -EOR. Water Resources Research, 2018, 54, 1109-1126.	4.2	33
9	Forecasting evolution of formation water chemistry and long-term mineral alteration for GCS in a typical clastic reservoir of the Southwestern United States. International Journal of Greenhouse Gas Control, 2016, 54, 524-537.	4.6	30
10	Uncertainty quantification of CO ₂ storage using Bayesian model averaging and polynomial chaos expansion. International Journal of Greenhouse Gas Control, 2018, 71, 104-115.	4.6	26
11	CO ₂ Sequestration and Enhanced Oil Recovery at Depleted Oil/Gas Reservoirs. Energy Procedia, 2017, 114, 6957-6967.	1.8	23
12	Numerical Evaluation of Uncertainty in Water Retention Parameters and Effect on Predictive Uncertainty. Vadose Zone Journal, 2009, 8, 158-166.	2.2	20
13	Assessment of radionuclide transport uncertainty in the unsaturated zone of Yucca Mountain. Advances in Water Resources, 2007, 30, 118-134.	3.8	19
14	Chemical Impacts of Potential CO ₂ and Brine Leakage on Groundwater Quality with Quantitative Risk Assessment: A Case Study of the Farnsworth Unit. Energies, 2020, 13, 6574.	3.1	14
15	Incorporating layer- and local-scale heterogeneities in numerical simulation of unsaturated flow and tracer transport. Journal of Contaminant Hydrology, 2009, 103, 194-205.	3.3	12
16	Probabilistic Risk Assessment of CO ₂ Trapping Mechanisms in a Sandstone CO ₂ -EOR Field in Northern Texas, USA. Energy Procedia, 2017, 114, 4321-4329.	1.8	11
17	Evaluation of CO ₂ -Fluid-Rock Interaction in Enhanced Geothermal Systems: Field-Scale Geochemical Simulations. Geofluids, 2017, 2017, 1-11.	0.7	7
18	Risk Assessment and Management Workflow—An Example of the Southwest Regional Partnership. Energies, 2021, 14, 1908.	3.1	6

#	ARTICLE	IF	CITATIONS
19	Shrub spatial organization and partitioning of evaporation and transpiration in arid environments. <i>Ecohydrology</i> , 2015, 8, 1218-1228.	2.4	5