

Feng Pan

List of Publications by Year in descending order

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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	Risk Assessment and Management Workflow—An Example of the Southwest Regional Partnership. <i>Energies</i> , 2021, 14, 1908.	3.1	6
2	Chemical Impacts of Potential CO ₂ and Brine Leakage on Groundwater Quality with Quantitative Risk Assessment: A Case Study of the Farnsworth Unit. <i>Energies</i> , 2020, 13, 6574.	3.1	14
3	Uncertainty quantification of CO ₂ storage using Bayesian model averaging and polynomial chaos expansion. <i>International Journal of Greenhouse Gas Control</i> , 2018, 71, 104-115.	4.6	26
4	Impact of Three-Phase Relative Permeability and Hysteresis Models on Forecasts of Storage Associated With CO ₂ -EOR. <i>Water Resources Research</i> , 2018, 54, 1109-1126.	4.2	33
5	Probabilistic Risk Assessment of CO ₂ Trapping Mechanisms in a Sandstone CO ₂ -EOR Field in Northern Texas, USA. <i>Energy Procedia</i> , 2017, 114, 4321-4329.	1.8	11
6	CO ₂ Sequestration and Enhanced Oil Recovery at Depleted Oil/Gas Reservoirs. <i>Energy Procedia</i> , 2017, 114, 6957-6967.	1.8	23
7	Co-optimization of CO ₂ -EOR and storage processes in mature oil reservoirs. , 2017, 7, 128-142.		81
8	Evaluation of CO ₂ -Fluid-Rock Interaction in Enhanced Geothermal Systems: Field-Scale Geochemical Simulations. <i>Geofluids</i> , 2017, 2017, 1-11.	0.7	7
9	CO ₂ Accounting and Risk Analysis for CO ₂ Sequestration at Enhanced Oil Recovery Sites. <i>Environmental Science & Technology</i> , 2016, 50, 7546-7554.	10.0	228
10	Forecasting evolution of formation water chemistry and long-term mineral alteration for GCS in a typical clastic reservoir of the Southwestern United States. <i>International Journal of Greenhouse Gas Control</i> , 2016, 54, 524-537.	4.6	30
11	Probabilistic analysis of CO ₂ storage mechanisms in a CO ₂ -EOR field using polynomial chaos expansion. <i>International Journal of Greenhouse Gas Control</i> , 2016, 51, 218-229.	4.6	34
12	Uncertainty analysis of carbon sequestration in an active CO ₂ -EOR field. <i>International Journal of Greenhouse Gas Control</i> , 2016, 51, 18-28.	4.6	81
13	Potential chemical impacts of CO ₂ leakage on underground source of drinking water assessed by quantitative risk analysis. <i>International Journal of Greenhouse Gas Control</i> , 2016, 50, 305-316.	4.6	54
14	Shrub spatial organization and partitioning of evaporation and transpiration in arid environments. <i>Ecohydrology</i> , 2015, 8, 1218-1228.	2.4	5
15	Impacts of hydrological heterogeneities on caprock mineral alteration and containment of CO ₂ in geological storage sites. <i>International Journal of Greenhouse Gas Control</i> , 2014, 24, 30-42.	4.6	50
16	Uncertainty Quantification for CO ₂ Sequestration and Enhanced Oil Recovery. <i>Energy Procedia</i> , 2014, 63, 7685-7693.	1.8	69
17	Incorporating layer- and local-scale heterogeneities in numerical simulation of unsaturated flow and tracer transport. <i>Journal of Contaminant Hydrology</i> , 2009, 103, 194-205.	3.3	12
18	Numerical Evaluation of Uncertainty in Water Retention Parameters and Effect on Predictive Uncertainty. <i>Vadose Zone Journal</i> , 2009, 8, 158-166.	2.2	20

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19	Assessment of radionuclide transport uncertainty in the unsaturated zone of Yucca Mountain. <i>Advances in Water Resources</i> , 2007, 30, 118-134.	3.8	19