Jincong He

List of Publications by Year
in descending order

17 papers	316 citations	1478505 6 h-index	1720034 7 g-index
17 all docs	17 docs citations	17 times ranked	177 citing authors

#	Article	IF	Citations
1	A Physics-Based Proxy for Surface and Subsurface Coupled Simulation Models. SPE Journal, 2022, 27, 1962-1972.	3.1	2
2	A Physics-Based Proxy for Surface and Subsurface Coupled Simulation Models. , 2021, , .		0
3	Rapid Forecast Calibration Using Nonlinear Simulation Regression with Localization. , 2019, , .		3
4	IOR Pilot Evaluation in a Brown-Field Fractured Reservoir Using Data Analytics of Reservoir Simulation Results. , 2019, , .		5
5	Implementation of Physics-Based Data-Driven Models With a Commercial Simulator. , 2019, , .		29
6	Calibrating Global Uncertainties to Local Data: Is the Learning Being Over-Generalized?. , 2018, , .		8
7	A Physics-Based Data-Driven Model for History Matching, Prediction, and Characterization of Unconventional Reservoirs. SPE Journal, 2018, 23, 1105-1125.	3.1	18
8	Quantifying Value of Information using Ensemble Variance Analysis. , 2017, , .		11
9	Uncertainty quantification and value of information assessment using proxies and Markov chain Monte Carlo method for a pilot project. Journal of Petroleum Science and Engineering, 2017, 157, 328-339.	4.2	39
10	Rapid S-Curve Update Using Ensemble Variance Analysis with Model Validation. , 2017, , .		11
11	An alternative proxy for history matching using proxy-for-data approach and reduced order modeling. Journal of Petroleum Science and Engineering, 2016, 146, 392-399.	4.2	17
12	Proxy-Based Work Flow for a Priori Evaluation of Data-Acquisition Programs. SPE Journal, 2016, 21, 1400-1412.	3.1	31
13	Improved Proxy For History Matching Using Proxy-for-data Approach And Reduced Order Modeling. , 2015, , .		14
14	Model-Based A Priori Evaluation of Surveillance Programs Effectiveness using Proxies. , 2015, , .		11
15	Developing and Validating Simplified Predictive Models for CO2 Geologic Sequestration. , 2015, , .		7
16	Reduced-Order Modeling for Compositional Simulation by Use of Trajectory Piecewise Linearization. SPE Journal, 2014, 19, 858-872.	3.1	63
17	Reduced-order flow modeling and geological parameterization for ensemble-based data assimilation. Computers and Geosciences, 2013, 55, 54-69.	4.2	47