Hao Liu

List of Publications by Year
in descending order

19 papers	320 citations	840776 11 h-index	940533 16 g-index
19 all docs	19 docs citations	19 times ranked	199 citing authors

#	Article	IF	Citations
1	Rising-phase performance evaluation of Expanding-Solvent SAGD: Considering the horizontal-wellbore effect. Journal of Petroleum Science and Engineering, 2021, 202, 107865.	4.2	1
2	Performance Evaluation of Long-Horizontal-Well Solvent-Assisted SAGD in Rising Stage. , 2020, , .		0
3	Semianalytical Analysis of Chamber Growth and Energy Efficiency of Solvent-Assisted Steam-Gravity Drainage Considering the Effect of Reservoir Heterogeneity along the Horizontal Well. Energy & Fuels, 2020, 34, 5777-5787.	5.1	12
4	Influence of Pressure Difference Between Reservoir and Production Well on Steam-Chamber Propagation and Reservoir-Production Performance. SPE Journal, 2019, 24, 452-476.	3.1	22
5	Experimental and numerical study of steam-chamber evolution during solvent-enhanced steam flooding in thin heavy-oil reservoirs. Journal of Petroleum Science and Engineering, 2019, 172, 776-786.	4.2	21
6	Performance of Solvent-Assisted Thermal Drainage process and its relationship to injection parameters: A comprehensive modeling. Fuel, 2018, 225, 388-402.	6.4	9
7	Evolution characteristics of SAGD steam chamber and its impacts on heavy oil production and heat consumption. International Journal of Heat and Mass Transfer, 2018, 121, 579-596.	4.8	48
8	Heat and mass transfer characteristics of superheated fluid for hybrid solvent-steam process in perforated horizontal wellbores. International Journal of Heat and Mass Transfer, 2018, 122, 557-573.	4.8	20
9	Environmental and economic benefits of Solvent-Assisted Steam-Gravity Drainage for bitumen through horizontal well: A comprehensive modeling analysis. Energy, 2018, 164, 418-431.	8.8	19
10	Experimental and numerical study of solvent optimization during horizontal-well solvent-enhanced steam flooding in thin heavy-oil reservoirs. Fuel, 2018, 228, 379-389.	6.4	31
11	A three-dimensional approach to model steam chamber expansion and production performance of SAGD process. International Journal of Heat and Mass Transfer, 2018, 127, 29-38.	4.8	22
12	Assessment of energy efficiency and solvent retention inside steam chamber of steam- and solvent-assisted gravity drainage process. Applied Energy, 2018, 226, 287-299.	10.1	19
13	Performance Prediction of Solvent Enhanced Steam Flooding for Recovery of Thin Heavy Oil Reservoirs. , 2017, , .		8
14	An Investigation into Temperature Distribution and Heat Loss Rate within the Steam Chamber in Expanding-Solvent SAGD Process. , 2017, , .		12
15	The relationship of liquid level and subcool between injector and producer during SAGD process. Journal of Petroleum Science and Engineering, 2017, 153, 364-371.	4.2	11
16	A novel model to investigate the effects of injector-producer pressure difference on SAGD for bitumen recovery. International Journal of Oil, Gas and Coal Technology, 2017, 16, 217.	0.2	12
17	Effects of Solvent Properties and Injection Strategies on Solvent-Enhanced Steam Flooding for Thin Heavy Oil Reservoirs with Semi-Analytical Approach. Oil and Gas Science and Technology, 2017, 72, 20.	1.4	20
18	A HEAT AND MASS TRANSFER COUPLING MODEL FOR TRANSITION INTERFACE OF EXPANDING SOLVENT STEAM-ASSISTED GRAVITY DRAINAGE. Special Topics and Reviews in Porous Media, 2017, 8, 307-324.	1.1	5

#	Article	IF	Citations
19	Optimization of the HOVF Spray Parameters by Taguchi Method for High Corrosion-Resistant Fe-Based Coatings. Journal of Materials Engineering and Performance, 2015, 24, 2637-2644.	2.5	28