

Hao Liu

List of Publications by Year in descending order

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Version: 2024-02-01

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	Evolution characteristics of SAGD steam chamber and its impacts on heavy oil production and heat consumption. <i>International Journal of Heat and Mass Transfer</i> , 2018, 121, 579-596.	4.8	48
2	Experimental and numerical study of solvent optimization during horizontal-well solvent-enhanced steam flooding in thin heavy-oil reservoirs. <i>Fuel</i> , 2018, 228, 379-389.	6.4	31
3	Optimization of the HOVF Spray Parameters by Taguchi Method for High Corrosion-Resistant Fe-Based Coatings. <i>Journal of Materials Engineering and Performance</i> , 2015, 24, 2637-2644.	2.5	28
4	A three-dimensional approach to model steam chamber expansion and production performance of SAGD process. <i>International Journal of Heat and Mass Transfer</i> , 2018, 127, 29-38.	4.8	22
5	Influence of Pressure Difference Between Reservoir and Production Well on Steam-Chamber Propagation and Reservoir-Production Performance. <i>SPE Journal</i> , 2019, 24, 452-476.	3.1	22
6	Experimental and numerical study of steam-chamber evolution during solvent-enhanced steam flooding in thin heavy-oil reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2019, 172, 776-786.	4.2	21
7	Effects of Solvent Properties and Injection Strategies on Solvent-Enhanced Steam Flooding for Thin Heavy Oil Reservoirs with Semi-Analytical Approach. <i>Oil and Gas Science and Technology</i> , 2017, 72, 20.	1.4	20
8	Heat and mass transfer characteristics of superheated fluid for hybrid solvent-steam process in perforated horizontal wellbores. <i>International Journal of Heat and Mass Transfer</i> , 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. <i>Energy</i> , 2018, 164, 418-431.	8.8	19
10	Assessment of energy efficiency and solvent retention inside steam chamber of steam- and solvent-assisted gravity drainage process. <i>Applied Energy</i> , 2018, 226, 287-299.	10.1	19
11	An Investigation into Temperature Distribution and Heat Loss Rate within the Steam Chamber in Expanding-Solvent SAGD Process. , 2017, , .		12
12	A novel model to investigate the effects of injector-producer pressure difference on SAGD for bitumen recovery. <i>International Journal of Oil, Gas and Coal Technology</i> , 2017, 16, 217.	0.2	12
13	Semianalytical Analysis of Chamber Growth and Energy Efficiency of Solvent-Assisted Steam-Gravity Drainage Considering the Effect of Reservoir Heterogeneity along the Horizontal Well. <i>Energy & Fuels</i> , 2020, 34, 5777-5787.	5.1	12
14	The relationship of liquid level and subcool between injector and producer during SAGD process. <i>Journal of Petroleum Science and Engineering</i> , 2017, 153, 364-371.	4.2	11
15	Performance of Solvent-Assisted Thermal Drainage process and its relationship to injection parameters: A comprehensive modeling. <i>Fuel</i> , 2018, 225, 388-402.	6.4	9
16	Performance Prediction of Solvent Enhanced Steam Flooding for Recovery of Thin Heavy Oil Reservoirs. , 2017, , .		8
17	A HEAT AND MASS TRANSFER COUPLING MODEL FOR TRANSITION INTERFACE OF EXPANDING SOLVENT STEAM-ASSISTED GRAVITY DRAINAGE. <i>Special Topics and Reviews in Porous Media</i> , 2017, 8, 307-324.	1.1	5
18	Rising-phase performance evaluation of Expanding-Solvent SAGD: Considering the horizontal-wellbore effect. <i>Journal of Petroleum Science and Engineering</i> , 2021, 202, 107865.	4.2	1

#	ARTICLE	IF	CITATIONS
19	Performance Evaluation of Long-Horizontal-Well Solvent-Assisted SAGD in Rising Stage. , 2020, , .		0