

Ya-fei Chen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

427
citations

933447

10
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Temperature Oxidation and Characterization of Heavy Oil via Thermal Analysis. Energy & Fuels, 2015, 29, 1151-1159.	5.1	90
2	Low temperature oxidation characteristics analysis of ultra-heavy oil by thermal methods. Journal of Industrial and Engineering Chemistry, 2017, 48, 249-258.	5.8	66
3	Characterizing the Fuel Deposition Process of Crude Oil Oxidation in Air Injection. Energy & Fuels, 2015, 29, 7622-7629.	5.1	41
4	A preliminary feasibility analysis of in situ combustion in a deep fractured-cave carbonate heavy oil reservoir. Journal of Petroleum Science and Engineering, 2019, 174, 446-455.	4.2	36
5	Comparison of Different Kinetic Models for Heavy Oil Oxidation Characteristic Evaluation. Energy & Fuels, 2017, 31, 12665-12676.	5.1	33
6	The feasibility of CO ₂ and N ₂ injection for the Tahe fracture-cavity carbonate extra-heavy oil reservoir: An experimental study. Fuel, 2018, 226, 598-606.	6.4	31
7	Experimental investigation into the oxidative characteristics of Tahe heavy crude oil. Fuel, 2017, 209, 194-202.	6.4	26
8	Specific kinetic triplet estimation of Tahe heavy oil oxidation reaction based on non-isothermal kinetic results. Fuel, 2019, 242, 545-552.	6.4	21
9	Low temperature oxidized coke of the ultra-heavy oil during in-situ combustion process: Structural characterization and evolution elucidation. Fuel, 2022, 313, 122676.	6.4	19
10	Novel Insight into the Viscosity-Temperature Characteristic by the Comparison of Tahe Ordinary- And Ultra- Heavy Oils. Energy & Fuels, 2018, 32, 12308-12318.	5.1	14
11	Oxidation kinetic evaluation of the low temperature oxidized products of Tahe heavy oil characterized by the distributed activation energy model. Journal of Petroleum Science and Engineering, 2019, 181, 106155.	4.2	11
12	Viscosity profile prediction of a heavy crude oil during lifting in two deep artesian wells. Chinese Journal of Chemical Engineering, 2017, 25, 976-982.	3.5	9
13	Study of the catalytic effect of copper oxide on the low-temperature oxidation of Tahe ultra-heavy oil. Journal of Thermal Analysis and Calorimetry, 2019, 135, 3353-3362.	3.6	9
14	New insights into the non-isothermal oxidation of tight oil: Experimental study and theoretical prediction. Fuel, 2022, 326, 125011.	6.4	8
15	Utilisation of multiple gas injection to enhance oil recovery for fractured-cavity carbonate heavy oil reservoir. International Journal of Oil, Gas and Coal Technology, 2017, 15, 77.	0.2	7
16	Non-isothermal pyrolysis and combustion kinetics of heavy oil and its low temperature oxidation products by thermal analyses. Petroleum Science and Technology, 2020, 38, 398-404.	1.5	3
17	DSC study on combustion behavior of tahe heavy oil and its low temperature oxidation products. Petroleum Science and Technology, 2021, 39, 795-803.	1.5	3
18	Kinetic evaluation and comparison of the heavy oil and its low temperature oxidized products based on thermal analyses. Petroleum Science and Technology, 2019, 37, 2058-2065.	1.5	0

#	ARTICLE	IF	CITATIONS
19	Utilisation of multiple gas injection to enhance oil recovery for fractured-cavity carbonate heavy oil reservoir. International Journal of Oil, Gas and Coal Technology, 2017, 15, 77.	0.2	0
20	A Case Study on the Fracturing Radius and Time Effects of CO2 Phase Transition Fracturing in Coal Seams. Sustainability, 2022, 14, 4260.	3.2	0