Mohammed Amine Khelkhal

List of Publications by Year
in descending order

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20 papers	352 citations	567281 15 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	92 citing authors

#	Article	IF	Citations
1	Thermal Behavior of Heavy Oil Catalytic Pyrolysis and Aquathermolysis. Catalysts, 2022, 12, 449.	3.5	19
2	Changes in Heavy Oil Saturates and Aromatics in the Presence of Microwave Radiation and Iron-Based Nanoparticles. Catalysts, 2022, 12, 514.	3.5	15
3	Thermogravimetric Study on Peat Catalytic Pyrolysis for Potential Hydrocarbon Generation. Processes, 2022, 10, 974.	2.8	3
4	In Situ Combustion of Heavy, Medium, and Light Crude Oils: Low-Temperature Oxidation in Terms of a Chain Reaction Approach. Energy & Fuels, 2022, 36, 7710-7721.	5.1	22
5	Iron oxide nanoparticles impact on improving reservoir rock minerals catalytic effect on heavy oil aquathermolysis. Fuel, 2022, 327, 124956.	6.4	22
6	Application of Aromatic and Industrial Solvents for Enhancing Heavy Oil Recovery from the Ashalcha Field. Energy & Fuels, 2021, 35, 374-385.	5.1	25
7	The Role of Nanodispersed Catalysts in Microwave Application during the Development of Unconventional Hydrocarbon Reserves: A Review of Potential Applications. Processes, 2021, 9, 420.	2.8	23
8	Effect of Ligand Structure on the Kinetics of Heavy Oil Oxidation: Toward Biobased Oil-Soluble Catalytic Systems for Enhanced Oil Recovery. Industrial & Engineering Chemistry Research, 2021, 60, 14713-14727.	3.7	19
9	Conversion of Organic Matter of Carbonate Deposits in the Hydrothermal Fluid. Processes, 2021, 9, 1893.	2.8	0
10	A Thermal Study on Peat Oxidation Behavior in the Presence of an Iron-Based Catalyst. Catalysts, 2021, 11, 1344.	3.5	4
11	Microwave Radiation Impact on Heavy Oil Upgrading from Carbonate Deposits in the Presence of Nano-Sized Magnetite. Processes, 2021, 9, 2021.	2.8	11
12	Thermal Study on Stabilizing the Combustion Front via Bimetallic Mn@Cu Tallates during Heavy Oil Oxidation. Energy & Fuels, 2020, 34, 5121-5127.	5.1	19
13	Heavy oil aquathermolysis in the presence of rock-forming minerals and iron oxide (II, III) nanoparticles. Petroleum Science and Technology, 2020, 38, 574-579.	1.5	22
14	Comparative Kinetic Study on Heavy Oil Oxidation in the Presence of Nickel Tallate and Cobalt Tallate. Energy & Fuels, 2019, 33, 9107-9113.	5.1	19
15	Impact of Iron Tallate on the Kinetic Behavior of the Oxidation Process of Heavy Oils. Energy & Fuels, 2019, 33, 7678-7683.	5.1	24
16	Manganese Oxide Nanoparticles Immobilized on Silica Nanospheres as a Highly Efficient Catalyst for Heavy Oil Oxidation. Industrial & Engineering Chemistry Research, 2019, 58, 8990-8995.	3.7	17
17	Differential scanning calorimetric study of heavy oil catalytic oxidation in the presence of manganese tallates. Petroleum Science and Technology, 2019, 37, 1194-1200.	1.5	17
18	Kinetic Study on Heavy Oil Oxidation by Copper Tallates. Energy & Fuels, 2019, 33, 12690-12695.	5.1	18

#	Article	IF	Citations
19	Catalytic Combustion of Heavy Oil in the Presence of Manganese-Based Submicroparticles in a Quartz Porous Medium. Energy & Fuels, 2017, 31, 11253-11257.	5.1	18
20	Mn-Catalyzed Oxidation of Heavy Oil in Porous Media: Kinetics and Some Aspects of the Mechanism. Energy & Fuels, 2016, 30, 7731-7737.	5.1	35