

# Mohammed Amine Khelkhal

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

352  
citations

567281

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794594

19  
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20  
all docs

20  
docs citations

20  
times ranked

92  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mn-Catalyzed Oxidation of Heavy Oil in Porous Media: Kinetics and Some Aspects of the Mechanism. <i>Energy &amp; Fuels</i> , 2016, 30, 7731-7737.	5.1	35
2	Application of Aromatic and Industrial Solvents for Enhancing Heavy Oil Recovery from the Ashalcha Field. <i>Energy &amp; Fuels</i> , 2021, 35, 374-385.	5.1	25
3	Impact of Iron Tallate on the Kinetic Behavior of the Oxidation Process of Heavy Oils. <i>Energy &amp; Fuels</i> , 2019, 33, 7678-7683.	5.1	24
4	The Role of Nanodispersed Catalysts in Microwave Application during the Development of Unconventional Hydrocarbon Reserves: A Review of Potential Applications. <i>Processes</i> , 2021, 9, 420.	2.8	23
5	Heavy oil aquathermolysis in the presence of rock-forming minerals and iron oxide (II, III) nanoparticles. <i>Petroleum Science and Technology</i> , 2020, 38, 574-579.	1.5	22
6	In Situ Combustion of Heavy, Medium, and Light Crude Oils: Low-Temperature Oxidation in Terms of a Chain Reaction Approach. <i>Energy &amp; Fuels</i> , 2022, 36, 7710-7721.	5.1	22
7	Iron oxide nanoparticles impact on improving reservoir rock minerals catalytic effect on heavy oil aquathermolysis. <i>Fuel</i> , 2022, 327, 124956.	6.4	22
8	Comparative Kinetic Study on Heavy Oil Oxidation in the Presence of Nickel Tallate and Cobalt Tallate. <i>Energy &amp; Fuels</i> , 2019, 33, 9107-9113.	5.1	19
9	Thermal Study on Stabilizing the Combustion Front via Bimetallic Mn@Cu Tallates during Heavy Oil Oxidation. <i>Energy &amp; Fuels</i> , 2020, 34, 5121-5127.	5.1	19
10	Effect of Ligand Structure on the Kinetics of Heavy Oil Oxidation: Toward Biobased Oil-Soluble Catalytic Systems for Enhanced Oil Recovery. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 14713-14727.	3.7	19
11	Thermal Behavior of Heavy Oil Catalytic Pyrolysis and Aquathermolysis. <i>Catalysts</i> , 2022, 12, 449.	3.5	19
12	Catalytic Combustion of Heavy Oil in the Presence of Manganese-Based Submicroparticles in a Quartz Porous Medium. <i>Energy &amp; Fuels</i> , 2017, 31, 11253-11257.	5.1	18
13	Kinetic Study on Heavy Oil Oxidation by Copper Tallates. <i>Energy &amp; Fuels</i> , 2019, 33, 12690-12695.	5.1	18
14	Manganese Oxide Nanoparticles Immobilized on Silica Nanospheres as a Highly Efficient Catalyst for Heavy Oil Oxidation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 8990-8995.	3.7	17
15	Differential scanning calorimetric study of heavy oil catalytic oxidation in the presence of manganese tallates. <i>Petroleum Science and Technology</i> , 2019, 37, 1194-1200.	1.5	17
16	Changes in Heavy Oil Saturates and Aromatics in the Presence of Microwave Radiation and Iron-Based Nanoparticles. <i>Catalysts</i> , 2022, 12, 514.	3.5	15
17	Microwave Radiation Impact on Heavy Oil Upgrading from Carbonate Deposits in the Presence of Nano-Sized Magnetite. <i>Processes</i> , 2021, 9, 2021.	2.8	11
18	A Thermal Study on Peat Oxidation Behavior in the Presence of an Iron-Based Catalyst. <i>Catalysts</i> , 2021, 11, 1344.	3.5	4

#	ARTICLE	IF	CITATIONS
19	Thermogravimetric Study on Peat Catalytic Pyrolysis for Potential Hydrocarbon Generation. Processes, 2022, 10, 974.	2.8	3
20	Conversion of Organic Matter of Carbonate Deposits in the Hydrothermal Fluid. Processes, 2021, 9, 1893.	2.8	0