# Seyedsaeed Mehrabi-Kalajahi

List of Publications by Year
in descending order

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|---|---|---|---|
| 23<br>papers | 265<br>citations | 1040056<br>9<br>h-index | 1058476<br>14<br>g-index |
| 23<br>all docs | 23<br>docs citations | 23<br>times ranked | 130<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Catalytic combustion of heavy oil using Î³-Fe2O3 nanocatalyst in in-situ combustion process. Journal of Petroleum Science and Engineering, 2022, 209, 109819. | 4.2 | 7 |
| 2 | Catalytic combustion of heavy crude oil by oil-dispersed copper-based catalysts: Effect of different organic ligands. Fuel, 2022, 316, 123335. | 6.4 | 7 |
| 3 | Effect of Different Water Content and Catalyst on the Performance of Heavy Oil Oxidation in Porous Media for In Situ Upgrading. Industrial & Engineering Chemistry Research, 2022, 61, 9234-9248. | 3.7 | 4 |
| 4 | Entropy-stabilized metal oxide nanoparticles supported on reduced graphene oxide as a highly active heterogeneous catalyst for selective and solvent-free oxidation of toluene: a combined experimental and numerical investigation. Journal of Materials Chemistry A, 2022, 10, 14488-14500. | 10.3 | 12 |
| 5 | Improving heavy oil oxidation performance by oil-dispersed CoFe2O4 nanoparticles in In-situ combustion process for enhanced oil recovery. Fuel, 2021, 285, 119216. | 6.4 | 25 |
| 6 | Oil-Dispersed Î±-Fe<sub>2</sub>O<sub>3</sub> Nanoparticles as a Catalyst for Improving Heavy Oil Oxidation. Energy & Fuels, 2021, 35, 10498-10511. | 5.1 | 15 |
| 7 | Thermo-Gas-Chemical Stimulation as a Revolutionary Ior-Eor Method by the in-Situ Generation of Hot Nitrogen and Acid. , 2021, , . | | 2 |
| 8 | Effect of copper stearate as catalysts on the performance of in-situ combustion process for heavy oil recovery and upgrading. Journal of Petroleum Science and Engineering, 2021, 207, 109125. | 4.2 | 51 |
| 9 | A 3-Step Reaction Model For Numerical Simulation of In-Situ Combustion. , 2021, , . | | 1 |
| 10 | Response to Comment on Oil-Dispersed Î±-Fe<sub>2</sub>O<sub>3</sub> Nanoparticles as a Catalyst for Improving Heavy Oil Oxidation. Energy & Fuels, 2021, 35, 20413-20417. | 5.1 | 1 |
| 11 | Oxidation of Heavy Oil Using Oil-Dispersed Transition Metal Acetylacetonate Catalysts for Enhanced Oil Recovery. Energy & Fuels, 2021, 35, 20284-20299. | 5.1 | 7 |
| 12 | Low-temperature combustion behavior of crude oils in porous media under air flow condition for in-situ combustion (ISC) process. Fuel, 2020, 259, 116293. | 6.4 | 42 |
| 13 | Low-temperature combustion characteristics of heavy oils by a self-designed porous medium thermo-effect cell. Journal of Petroleum Science and Engineering, 2020, 195, 107863. | 4.2 | 14 |
| 14 | Potential of Copper-Based Oil Soluble Catalyst for Improving Efficiency of In-Situ Combustion Process: Catalytic Combustion, Catalytic In-Situ Oil Upgrading, and Increased Oil Recovery. , 2019, , . | | 13 |
| 15 | CATALYTIC IN-SITU COMBUSTION PROCESS IN THE PRESENCE OF METAL OXIDE PARTICLES. , 2019, , . | | 0 |
| 16 | A New, Fast, and Efficient Method for Evaluating the Influence of Catalysts on In-Situ Combustion Process for Heavy Oil Recovery. , 2018, , . | | 11 |
| 17 | Using EPR Technique for Monitoring of ISC Processes and Reservoirs Temperature in Enhanced Oil Recovery. , 2018, , . | | 0 |
| 18 | EPR as a complementary tool for the analysis of low-temperature oxidation reactions of crude oils. Journal of Petroleum Science and Engineering, 2018, 169, 673-682. | 4.2 | 31 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | NEW INSIGHT IN CRUDE OIL OXIDATION STUDY: USING NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY. , 2018, , . | | 0 |
| 20 | STUDY OF CATALYST EFFECT ON HEAVY CRUDE OIL OXIDATION PROCESS IN ENHANCING OIL RECOVERY. , 2018, , . | | 1 |
| 21 | OXIDATION BEHAVOIR OF HEAVY OIL IN PRESENCE OF CUMENEHYDROPEROXIDE AS AN IGNITION AGENT. , 2017, , . | | 0 |
| 22 | Selective photocatalytic oxidation of alcohols to corresponding aldehydes in solvent-free conditions using porphyrin sensitizers. Journal of the Iranian Chemical Society, 2016, 13, 1069-1076. | 2.2 | 10 |
| 23 | Highly efficient, green and solvent-free photooxygenation of alkenes by air and visible light or sunlight in the presence of porphyrin sensitizers. Reaction Kinetics, Mechanisms and Catalysis, 2014, 113, 629-640. | 1.7 | 11 |