

Paper Code	Title / Authors
Chemical Reaction Engineering	
1579	A Ternary Mixed-Metal Oxide Electrocatalyst for the Hydrogen Evolution Reaction A. Azimi Khoshrodi, R. Talebian, S. Habibzadeh*
1629	Photocatalytic Desulfurization of Liquid Fuels Using Ternary KCN–POM–CUB Hybrid Catalysts S. H. Taghavian, S. R. Shabanian*
1656	Visible-Light Photocatalytic Degradation of Methyl Orange Over a Bismuth Oxyiodide-Kieselguhr Nanocomposite E. Mehrjoo, F. Rahmani*, R. Akbari Sene, R. Taravati
1669	Kinetic modeling of steam reforming of acetol using Ni-Rh/ SiO₂ catalyst A. Mosayebi, M. Hosein Eghbal Ahmadi, A. Ranjbar
1714	Vanadium Catalysts with Resolved Support Lineage in CO₂-ODHP: DFT-MSI-Spillover Transport Mechanism Z.Mokhtari, J. Towfighi Darian*
1729	Analysis and optimization of physical properties of bitumen modified with recycled rubber using response surface methodology Sh. Abdolvahabi, E. Sadeghi*, L. Rostami
1805	A Systematic Framework for the Optimization of Gas Detector Placement Using CFD-Based Dispersion Modelling A. Lazar, S. Baradaran*, A.H. Abbasi
1848	Effect of Inorganic Salts on Cefixime Removal under Visible Light Using BiFeO₃/bimetallic ZIF-67 Composite Photocatalyst M. Rabiei, F. Ebrahimi, Amir H. Navarchian*, M. Farhadian, A. Solaimany Nazar
1858	Synthesis and characterization of nano-structured MgO/MgAl₂O₄ catalyst used in chemical recycling of PET through glycolysis reaction Reza Khoshbin
1878	Effect of Hydrothermal Aging on Cu-Exchanged CHA Zeolite Catalysts for NH₃-SCR of NO_x A. Davari, T. Hamzehlouyan*, F. Khorasheh
1895	Optimization of Catalyst Performance in Indirect Dimethyl Ether Synthesis J. Mashhadizadeh, A. Ahmadpour, A. Bozorgian*, S. Mirzaei
1949	Experimental and Analytical Investigation of Decolorization of Aqueous Solutions Using Activated Carbon F. Khalili*, M. M. Bardestani
2004	Enhancing Surface Area of Mayenite (C12A7) Catalytic Support via an Integrated Shaping and In-Situ Pore-Generation Strategy F. Hooshyar*, S. H. Zohdi, A. Samimi, A. A. Mirzaei
2034	Airlift Bioreactor as Enabling Platforms for CO₂ -Based Polyhydroxyalkanoate Production by Cupriavidus necator K. Naderi , F. Rahimpour*
2060	Fischer-Tropsch synthesis: Effect of Ce and Ru as a promoter in 15Co/γ-Al₂O₃ catalyst by change of reaction condition A. Moradian
2063	Direct Conversion of CO₂ to CH₄: Thermodynamics, Catalysts, and Challenges M. Hajibabaei, H. Nourbakhsh*
2079	Pretreatment of Feedstock for Enhanced Bio-oil Production via Pyrolysis E. S. Hosseini, A. Bayat*, M. Abdolkarimi Mahabadi
2083	Waste Eggshell; An Efficient Source of Catalyst for Biodiesel Production A. Bayat*, M. Abdolkarimi Mahabadi