

Samira Shirvani

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

306
citations

840776

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996975

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16
times ranked

304
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional Nanomaterials in Thermocatalytic Reactions: Transition Metal Dichalcogenides, Metal Phosphorus Trichalcogenides and MXenes. <i>Catalysis Reviews - Science and Engineering</i> , 2023, 65, 1-51.	12.9	10
2	Catalytic Degradation of Linear Low-Density Polyethylene Over USY Catalyst: Effect of Catalyst to Polymer Ratio. , 2020, , 511-514.		0
3	Synergistic Coconversion of Refinery Fuel Oil and Methanol over H-ZSM-5 Catalyst for Enhanced Production of Light Olefins. <i>Energy & Fuels</i> , 2019, 33, 5761-5765.	5.1	19
4	Dual role of ferric chloride in modification of USY catalyst for enhanced olefin production from refinery fuel oil. <i>Applied Catalysis A: General</i> , 2019, 580, 131-139.	4.3	10
5	Two-stage thermocatalytic upgrading of fuel oil to olefins and fuels over a nanoporous hierarchical acidic catalyst. <i>Petroleum Science and Technology</i> , 2019, 37, 1910-1916.	1.5	6
6	Steam catalytic cracking of fuel oil over a novel composite nanocatalyst: Characterization, kinetics and comparative perspective. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 138, 281-293.	5.5	20
7	Catalytic transformation of ethylene to propylene and butene over an acidic Ca-incorporated composite nanocatalyst. <i>Applied Catalysis A: General</i> , 2019, 569, 20-27.	4.3	11
8	Combined effect of nanoporous diluent and steam on catalytic upgrading of fuel oil to olefins and fuels over USY catalyst. <i>Petroleum Science and Technology</i> , 2018, 36, 750-755.	1.5	21
9	Influence of catalyst additives on vapor-phase hydrogenation of furfural to furfuryl alcohol on impregnated copper/magnesia. <i>Biomass Conversion and Biorefinery</i> , 2018, 8, 79-86.	4.6	20
10	HYDROTALCITE-IMPREGNATED COPPER AND CHROMIUM-DOPED COPPER AS NOVEL AND EFFICIENT CATALYSTS FOR VAPOR-PHASE HYDROGENATION OF FURFURAL: EFFECT OF CLAY PRETREATMENT. <i>Brazilian Journal of Chemical Engineering</i> , 2018, 35, 669-678.	1.3	11
11	Two-Step Thermal Cracking of an Extra-Heavy Fuel Oil: Experimental Evaluation, Characterization, and Kinetics. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 7421-7430.	3.7	41
12	A Novel Consecutive Approach for the Preparation of Cu@MgO Catalysts with High Activity for Hydrogenation of Furfural to Furfuryl Alcohol. <i>Catalysis Letters</i> , 2017, 147, 318-327.	2.6	40
13	Preparation of Cu-MgO catalysts with different copper precursors and precipitating agents for the vapor-phase hydrogenation of furfural. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 692-700.	2.7	24
14	Kinetic models for hydroconversion of furfural over the ecofriendly Cu-MgO catalyst: An experimental and theoretical study. <i>Applied Catalysis A: General</i> , 2017, 545, 134-147.	4.3	55
15	Studies of removal of uranium from wastewater by novel magmolecular process with the aim to learn for nuclear waste management. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 45-52.	1.5	4
16	Magnetic Ionic Liquid in Magmolecular Process for Uranium Removal. <i>Chemical Engineering Research and Design</i> , 2016, 109, 108-115.	5.6	14