Samira Shirvani

List of Publications by Year
in descending order

16	306	840776 11	996975 15
papers	citations	h-index	g-index

16	16	16	304
all docs	docs citations	times ranked	citing authors

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