

Farhad Khorasheh

List of Publications by Year in descending order

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66
papers

1,496
citations

257450

24
h-index

345221

36
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66
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66
docs citations

66
times ranked

1747
citing authors

#	ARTICLE	IF	CITATIONS
19	Transesterification of canola oil and methanol by lithium impregnated CaO-La ₂ O ₃ mixed oxide for biodiesel synthesis. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 47, 399-404.	5.8	40
20	Removal of benzoic acid from industrial wastewater using metal organic frameworks: equilibrium, kinetic and thermodynamic study. <i>Journal of Porous Materials</i> , 2017, 24, 165-178.	2.6	20
21	Kinetic modelling of enzymatic biodiesel production from castor oil: Temperature dependence of the Ping Pong parameters. <i>Canadian Journal of Chemical Engineering</i> , 2016, 94, 512-517.	1.7	15
22	Preparation and study of bi-supported Ziegler-Natta catalyst with nano graphene oxide and magnesium ethoxide supports for polymerization of polyethylene. <i>Polymer Science - Series B</i> , 2016, 58, 271-277.	0.8	5
23	Highly selective doped PtMgO nano-sheets for renewable hydrogen production from APR of glycerol. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 17390-17398.	7.1	24
24	Improvement of the Thermal Cracking Product Quality of Heavy Vacuum Residue Using Solvent Deasphalting Pretreatment. <i>Energy & Fuels</i> , 2016, 30, 10322-10329.	5.1	15
25	Aqueous phase reforming of glycerol using highly active and stable Pt _{0.05} Ce _x Zr _{0.95-x} O ₂ ternary solid solution catalysts. <i>Applied Catalysis A: General</i> , 2016, 523, 230-240.	4.3	28
26	Hydrogenation of crude terephthalic acid by supported Pd and Pd-Sn catalysts on functionalized multiwall carbon nanotubes. <i>Chemical Engineering Research and Design</i> , 2016, 109, 41-52.	5.6	9
27	Kinetic Modeling of Thermal Hydrocracking of a Paraffinic Feedstock. <i>Energy & Fuels</i> , 2016, 30, 3374-3384.	5.1	0
28	Modeling-based optimization of a fixed-bed industrial reactor for oxidative dehydrogenation of propane. <i>Chinese Journal of Chemical Engineering</i> , 2016, 24, 612-622.	3.5	34
29	Studies on the catalyst preparation methods and kinetic behavior of supported cobalt catalysts for the complete oxidation of cyclohexane. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2015, 114, 611-628.	1.7	14
30	Supported copper and cobalt oxides on activated carbon for simultaneous oxidation of toluene and cyclohexane in air. <i>RSC Advances</i> , 2015, 5, 5107-5122.	3.6	44
31	Hydro-purification of crude terephthalic acid using palladium catalyst supported on multi-wall carbon nanotubes. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 28, 202-210.	5.8	15
32	Preparation, characterization and kinetic behavior of supported copper oxide catalysts on almond shell-based activated carbon for oxidation of toluene in air. <i>Journal of Porous Materials</i> , 2015, 22, 101-118.	2.6	22
33	Effect of Operating Conditions and Additives on the Product Yield and Sulfur Content in Thermal Cracking of a Vacuum Residue from the Abadan Refinery. <i>Energy & Fuels</i> , 2015, 29, 5452-5457.	5.1	12
34	Effects of nano graphene oxide as support on the product properties and performance of Ziegler-Natta catalyst in production of UHMWPE. <i>Polymers for Advanced Technologies</i> , 2015, 26, 315-321.	3.2	24
35	Prediction of Henry's constant in polymer solutions using PCOR equation of state coupled with an activity coefficient model. <i>Chinese Journal of Chemical Engineering</i> , 2015, 23, 528-535.	3.5	1
36	Morphological investigations of nanostructured V ₂ O ₅ over graphene used for the ODHP reaction: from synthesis to physicochemical evaluations. <i>Catalysis Science and Technology</i> , 2015, 5, 910-924.	4.1	54

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37	Kinetic modeling of oxidative dehydrogenation of propane (ODHP) over a vanadium-graphene catalyst: Application of the DOE and ANN methodologies. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 2236-2247.	5.8	50
38	A new approach to estimate parameters of a lumped kinetic model for hydroconversion of heavy residue. <i>Fuel</i> , 2014, 134, 343-353.	6.4	27
39	Neural network modeling the effect of oxygenate additives on the performance of Pt-Sn/Al ₂ O ₃ catalyst in propane dehydrogenation. <i>Applied Petrochemical Research</i> , 2013, 3, 47-54.	1.3	34
40	Application of multi-criterion robust optimization in water-flooding of oil reservoir. <i>Journal of Petroleum Science and Engineering</i> , 2013, 109, 1-11.	4.2	63
41	Investigating the effect of calcination repetitions on the lifetime of Co-Al ₂ O ₃ catalysts in Fischer-Tropsch synthesis utilising the precursor's solution affinities. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2013, 44, 205-213.	5.3	8
42	Modeling of Pt-Sn/Al ₂ O ₃ deactivation in propane dehydrogenation with oxygenated additives. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 55-61.	2.7	19
43	Vanadium Pentoxide Catalyst over Carbon-Based Nanomaterials for the Oxidative Dehydrogenation of Propane. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 16128-16141.	3.7	42
44	Effect of lanthanum doping on the lifetime of Co-Al ₂ O ₃ catalysts in Fischer-Tropsch synthesis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2012, 43, 704-710.	5.3	16
45	Cobalt supported on CNTs-covered γ - and nano-structured alumina catalysts utilized for wax selective Fischer-Tropsch synthesis. <i>Journal of Natural Gas Chemistry</i> , 2012, 21, 713-721.	1.8	8
46	Thermal Degradation Behavior and Kinetic Analysis of Ultra High Molecular Weight Polyethylene Based Multi-Walled Carbon Nanotube Nanocomposites Prepared Via <i>in-situ</i> Polymerization. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012, 49, 749-757.	2.2	12
47	Kinetic modeling of propane dehydrogenation over an industrial catalyst in the presence of oxygenated compounds. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2012, 107, 141-155.	1.7	36
48	Simulation of activity loss of fixed bed catalytic reactor of MTO conversion using percolation theory. <i>Chemical Engineering Science</i> , 2011, 66, 6199-6208.	3.8	17
49	Equilibrium modeling of xylene adsorption on molecular sieves. <i>Fluid Phase Equilibria</i> , 2010, 298, 54-59.	2.5	9
50	Effect of heating profile on desorption curve in temperature programmed desorption analysis: case study of acid sites distribution of SAPO-34. <i>Journal of Porous Materials</i> , 2009, 16, 599-603.	2.6	6
51	Kinetic modeling of pyrolysis of scrap tires. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 84, 157-164.	5.5	22
52	Effect of SAPO-34's composition on its physico-chemical properties and deactivation in MTO process. <i>Applied Catalysis A: General</i> , 2009, 364, 48-56.	4.3	137
53	A Monte Carlo simulation of nutrient diffusion and reaction in immobilized cell systems. <i>Chemical Physics</i> , 2006, 321, 34-40.	1.9	2
54	Dependency of gastrointestinal toxicity on release rate of tiaprofenic acid: a novel pharmacokinetic-pharmacodynamic model. <i>Pharmaceutical Research</i> , 1999, 16, 123-129.	3.5	6

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55	Computer generation of representative molecules for heavy hydrocarbon mixtures. <i>Fuel</i> , 1998, 77, 247-253.	6.4	22
56	Mechanism Discrimination in Heterogeneous Catalytic Reactions: A Fractal Analysis. <i>Industrial & Engineering Chemistry Research</i> , 1998, 37, 362-366.	3.7	6
57	Thermal Hydrocracking of n-Hexadecane in Benzene. <i>Energy & Fuels</i> , 1994, 8, 507-512.	5.1	1
58	High-pressure thermal cracking of n-hexadecane. <i>Industrial & Engineering Chemistry Research</i> , 1993, 32, 1853-1863.	3.7	76
59	High-pressure thermal cracking of n-hexadecane in aromatic solvents. <i>Industrial & Engineering Chemistry Research</i> , 1993, 32, 1864-1876.	3.7	35
60	High-pressure thermal cracking of n-hexadecane in Tetralin. <i>Energy & Fuels</i> , 1993, 7, 960-967.	5.1	29
61	Role of catalyst in hydrocracking of residues from Alberta bitumens. <i>Energy & Fuels</i> , 1992, 6, 478-485.	5.1	28
62	Correlation of reactivity with chemical structure: Thermal hydrogenation of gas oils. <i>Canadian Journal of Chemical Engineering</i> , 1989, 67, 628-634.	1.7	0
63	Methods for prediction of Kovats retention indices of hydrocarbons. <i>Journal of Separation Science</i> , 1989, 1, 174-181.	1.0	0
64	Correlation for Kovats retention index of C ₉ –C ₂₆ mono-alkyl and polymethyl alkanes and alkenes. <i>Journal of Chromatography A</i> , 1989, 481, 1-16.	3.7	22
65	Interactions between thermal and catalytic reactions in mild hydrocracking of gas oil. <i>Energy & Fuels</i> , 1989, 3, 716-722.	5.1	25
66	Nanomaterial-assisted pyrolysis of used lubricating oil and fuel recovery. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-15.	2.3	4