Prem K Seelam

List of Publications by Year in descending order

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DDEM K SEELAM

#	Article	IF	CITATIONS
1	Lanthanum phosphate: an efficient catalyst for acrylic acid production through lactic acid dehydration. Biomass Conversion and Biorefinery, 2022, 12, 3535-3546.	4.6	4
2	A comparison of Structure–Activity of Cu-Modified Over Different Mesoporous Silica Supports for Catalytic Conversion of Levulinic Acid. Waste and Biomass Valorization, 2022, 13, 67-79.	3.4	8
3	Synergistic effects of graphene oxide grafted chitosan & decorated MnO2 nanorods composite materials application in efficient removal of toxic industrial dyes. Journal of Water Process Engineering, 2022, 47, 102704.	5.6	16
4	Modified geopolymers as promising catalyst supports for abatement of dichloromethane. Journal of Cleaner Production, 2021, 280, 124584.	9.3	16
5	Immobilized highly dispersed Ni nanoparticles over porous carbon as an efficient catalyst for selective hydrogenation of furfural and levulinic acid. Journal of Environmental Chemical Engineering, 2021, 9, 106530.	6.7	14
6	High Performance and Sustainable Copper-Modified Hydroxyapatite Catalysts for Catalytic Transfer Hydrogenation of Furfural. Catalysts, 2020, 10, 1045.	3.5	24
7	Overview on recent developments on hydrogen energy: Production, catalysis, and sustainability. , 2020, , 3-32.		5
8	Tuning Y-zeolite based catalyst with copper for enhanced activity and selectivity in vapor phase hydrogenolysis of glycerol to 1,2-propanediol. Applied Catalysis A: General, 2018, 550, 308-319.	4.3	43
9	Efficient Vaporâ€Phase Selective Hydrogenolysis of Bioâ€Levulinic Acid to γâ€Valerolactone Using Cu Supported on Hydrotalcite Catalysts. Global Challenges, 2018, 2, 1800028.	3.6	14
10	Utilization of Volatile Organic Compounds as an Alternative for Destructive Abatement. Catalysts, 2015, 5, 1092-1151.	3.5	35
11	Low temperature steam reforming of ethanol over advanced carbon nanotube-based catalysts. Green Processing and Synthesis, 2015, 4, .	3.4	0
12	Study of the dry reforming of methane and ethanol using Rh catalysts supported on doped alumina. Applied Catalysis A: General, 2015, 504, 576-584.	4.3	53
13	Carbon supported catalysts in low temperature steam reforming of ethanol: study of catalyst performance. RSC Advances, 2015, 5, 49487-49492.	3.6	9
14	Microreactors and membrane microreactors: fabrication and applications. , 2013, , 188-235.		2
15	Advances in catalysts for membrane reactors. , 2013, , 401-432.		2
16	Hydrogen production from bio-ethanol steam reforming reaction in a Pd/PSS membrane reactor. Catalysis Today, 2012, 193, 42-48.	4.4	69
17	Performance of a Pd/PSS membrane reactor to produce high purity hydrogen via WGS reaction. Catalysis Today, 2012, 193, 87-94.	4.4	45
18	Hydrogen production for PEM fuel cell by gas phase reforming of glycerol as byproduct of bio-diesel. The use of a Pd–Ag membrane reactor at middle reaction temperature. International Journal of Hydrogen Energy, 2011, 36, 3827-3834.	7.1	63

#	Article	IF	CITATIONS
19	CNT-based catalysts for H2 production by ethanol reforming. International Journal of Hydrogen Energy, 2010, 35, 12588-12595.	7.1	43
20	Oxidative steam reforming of ethanol over Ru–Al2O3 catalyst in a dense Pd–Ag membrane reactor to produce hydrogen for PEM fuel cells. International Journal of Hydrogen Energy, 2009, 34, 8558-8565.	7.1	49
21	Influence of surface acidity in lactose oxidation over supported Pd catalysts. Microporous and Mesoporous Materials, 2008, 113, 122-131.	4.4	19