Prem K Seelam

List of Publications by Year
in descending order

21 papers	533 citations	687220 13 h-index	887953 17 g-index
24 all docs	24 docs citations	24 times ranked	650 citing authors

#	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.	2.9	4
2	A comparison of Structureâ€“Activity of Cu-Modified Over Different Mesoporous Silica Supports for Catalytic Conversion of Levulinic Acid. Waste and Biomass Valorization, 2022, 13, 67-79.	1.8	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.	2.6	16
4	Modified geopolymers as promising catalyst supports for abatement of dichloromethane. Journal of Cleaner Production, 2021, 280, 124584.	4.6	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.	3.3	14
6	High Performance and Sustainable Copper-Modified Hydroxyapatite Catalysts for Catalytic Transfer Hydrogenation of Furfural. Catalysts, 2020, 10, 1045.	1.6	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.	2.2	43
9	Efficient Vaporâ€Phase Selective Hydrogenolysis of Bioâ€Levulinic Acid to Î³â€Valerolactone Using Cu Supported on Hydrotalcite Catalysts. Global Challenges, 2018, 2, 1800028.	1.8	14
10	Utilization of Volatile Organic Compounds as an Alternative for Destructive Abatement. Catalysts, 2015, 5, 1092-1151.	1.6	35
11	Low temperature steam reforming of ethanol over advanced carbon nanotube-based catalysts. Green Processing and Synthesis, 2015, 4, .	1.3	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.	2.2	53
13	Carbon supported catalysts in low temperature steam reforming of ethanol: study of catalyst performance. RSC Advances, 2015, 5, 49487-49492.	1.7	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.	2.2	69
17	Performance of a Pd/PSS membrane reactor to produce high purity hydrogen via WGS reaction. Catalysis Today, 2012, 193, 87-94.	2.2	45
18	Hydrogen production for PEM fuel cell by gas phase reforming of glycerol as byproduct of bio-diesel. The use of a Pdâ€“Ag membrane reactor at middle reaction temperature. International Journal of Hydrogen Energy, 2011, 36, 3827-3834.	3.8	63

#	Article	IF	Citations
19	CNT-based catalysts for H2 production by ethanol reforming. International Journal of Hydrogen Energy, 2010, 35, 12588-12595.	3.8	43
20	Oxidative steam reforming of ethanol over Ruâ€“Al2O3 catalyst in a dense Pdâ€“Ag membrane reactor to produce hydrogen for PEM fuel cells. International Journal of Hydrogen Energy, 2009, 34, 8558-8565.	3.8	49
21	Influence of surface acidity in lactose oxidation over supported Pd catalysts. Microporous and Mesoporous Materials, 2008, 113, 122-131.	2.2	19