Sooboo Singh

List of Publications by Year
in descending order

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52	787	430874	580821
papers	citations	18 h-index	25 g-index

53	53	53	917
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Cu additives on the performance of a cobalt substituted ceria (Ce 0.90 Co 0.10 O 2â€“Î´) catalyst in total and preferential CO oxidation. Applied Catalysis B: Environmental, 2016, 182, 1-14.	20.2	57
2	Hydrogenolysis of Glycerol to Monoalcohols over Supported Mo and W Catalysts. ACS Sustainable Chemistry and Engineering, 2016, 4, 5752-5760.	6.7	46
3	Oxidative dehydrogenation of n-octane using vanadium pentoxide-supported hydroxyapatite catalysts. Applied Catalysis A: General, 2012, 421-422, 58-69.	4.3	42
4	Synthesis and Characterization of Layered Double Hydroxides and Their Potential as Nonviral Gene Delivery Vehicles. ChemistryOpen, 2015, 4, 137-145.	1.9	38
5	Activation of n-octane using vanadium oxide supported on alkaline earth hydroxyapatites. Applied Catalysis A: General, 2013, 456, 105-117.	4.3	37
6	Effect of the TiO₂ Anatase/Rutile Ratio and Interface for the Oxidative Activation of n-Octane. ACS Catalysis, 2020, 10, 2211-2220.	11.2	36
7	The preferential oxidation of CO in hydrogen rich streams over platinum doped nickel oxide catalysts. Applied Catalysis B: Environmental, 2016, 180, 687-697.	20.2	35
8	Efficient Solvent Free Knoevenagel Condensation Over Vanadium Containing Heteropolyacid Catalysts. Catalysis Letters, 2016, 146, 364-372.	2.6	31
9	Studies towards a mechanistic insight into the activation of n-octane using vanadium supported on alkaline earth metal hydroxyapatites. Applied Catalysis A: General, 2013, 467, 142-153.	4.3	28
10	The Role of Copper Exchanged Phosphomolybdic Acid Catalyst for Knoevenagel Condensation. Catalysis Letters, 2016, 146, 1470-1477.	2.6	26
11	TiO2 and ZrO2 supported Ru catalysts for CO mitigation following the water-gas shift reaction. International Journal of Hydrogen Energy, 2018, 43, 22291-22302.	7.1	26
12	Preferential oxidation of CO in a hydrogen rich feed stream using Coâ€“Fe mixed metal oxide catalysts prepared from hydrotalcite precursors. Journal of Molecular Catalysis A, 2015, 404-405, 167-177.	4.8	24
13	Solvent-Free Knoevenagel Condensation over Cobalt Hydroxyapatite. Synthetic Communications, 2010, 40, 3710-3715.	2.1	21
14	Engineering of catalytic sites of Pdx-Ce1-xO2-Î´ for dehydrogenation, oxygen insertion and reverse water gas shift reactions during methane combustion. Applied Catalysis B: Environmental, 2020, 275, 119118.	20.2	21
15	Tuning surface composition of Cs exchanged phosphomolybdic acid catalysts in C H bond activation of toluene to benzaldehyde at room temperature. Journal of Molecular Catalysis A, 2016, 425, 116-123.	4.8	20
16	Selective Oxidation of n-Pentane Over V2O5 Supported on Hydroxyapatite. Catalysis Letters, 2008, 126, 200-206.	2.6	19
17	Vanadium oxide supported on non-stoichiometric strontium hydroxyapatite catalysts for the oxidative dehydrogenation of n-octane. Journal of Molecular Catalysis A, 2014, 395, 398-408.	4.8	19
18	Comparative studies for CO oxidation and hydrogenation over supported Pt catalysts prepared by different synthesis methods. Renewable Energy, 2020, 148, 1041-1053.	8.9	18

#	Article	IF	Citations
19	Histidine-Tagged Folate-Targeted Gold Nanoparticles for Enhanced Transgene Expression in Breast Cancer Cells In Vitro. Pharmaceutics, 2022, 14, 53.	4.5	18
20	Simultaneous removal of 2,4,6-tribromophenol from water and bromate ion minimization by ozonation. Journal of Hazardous Materials, 2018, 357, 415-423.	12.4	17
21	CO oxidation activity enhancement of Ce_{0.95}Cu_{0.05}O_{2â^Î´} induced by Pd co-substitution. Catalysis Science and Technology, 2016, 6, 8104-8116.	4.1	16
22	An investigation of iron modified hydroxyapatites used in the activation of n-octane. Molecular Catalysis, 2017, 438, 256-266.	2.0	13
23	Solvent-free Knoevenagel condensation over iridium and platinum hydroxyapatites. Kinetics and Catalysis, 2011, 52, 536-539.	1.0	12
24	The effect of varying the metal ratio in a chromium molybdate catalysts for the oxidative dehydrogenation of n-octane. Molecular Catalysis, 2018, 460, 74-82.	2.0	12
25	Preferential CO oxidation in a hydrogen-rich stream overÂgoldÂsupported on Niâ€“Fe mixed metal oxides for fuel cell applications. International Journal of Hydrogen Energy, 2016, 41, 2144-2153.	7.1	11
26	Remediation of CO by oxidation over Au nanoparticles supported on mixed metal oxides. Journal of Environmental Chemical Engineering, 2019, 7, 102827.	6.7	11
27	An investigation of Cuâ€“Reâ€“ZnO catalysts for the hydrogenolysis of glycerol under continuous flow conditions. Sustainable Energy and Fuels, 2017, 1, 1437-1445.	4.9	10
28	The Role of Alkali Metal Exchanged Phosphomolybdic Acid Catalysts in the Solvent Free Oxidation of Styrene to Benzaldehyde at Room Temperature. Catalysis Letters, 2018, 148, 1355-1365.	2.6	9
29	The effect of rhenium on the conversion of glycerol to mono-alcohols over nickel catalysts under continuous flow conditions. Sustainable Energy and Fuels, 2019, 3, 2038-2047.	4.9	9
30	Effect of different weight loadings of MoO x /SBA-15 on the oxidative dehydrogenation of n-octane. Journal of Porous Materials, 2015, 22, 787-796.	2.6	8
31	Effect of the Support on the Oxidation of Heptane Using Vanadium Supported on Alkaline Earth Metal Hydroxyapatites. Catalysis Letters, 2015, 145, 668-678.	2.6	7
32	Fe phase complexes and their thermal stability in iron phosphate catalysts supported on silica. Hyperfine Interactions, 2015, 231, 137-142.	0.5	7
33	The influence of Montmorillonite K10 as a support in the nickel catalyzed hydrogenation of octanal. Journal of Porous Materials, 2016, 23, 175-183.	2.6	7
34	Efficient and expeditious chemoselective BOC protection of amines in catalyst and solvent-free media. Research on Chemical Intermediates, 2017, 43, 1355-1363.	2.7	7
35	Debromination of 2,4,6-Tribromophenol and bromate ion minimization in Water by catalytic ozonation. Journal of Water Process Engineering, 2019, 31, 100893.	5.6	7
36	Selected metal oxides for C H bond activation of n-octane and propensity for CO formation: An empirical study. Molecular Catalysis, 2019, 464, 1-9.	2.0	7

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37	Ternary (Cu, Ni and Co) Nanocatalysts for Hydrogenation of Octanal to Octanol: An Insight into the Cooperative Effect. Catalysis Letters, 2017, 147, 525-538.	2.6	6
38	Synergistic role of BrÃ¸nsted and Lewis acidity in alkali metal-exchanged heteropolyacid catalysts for esterification of acetic acid at room temperature. Journal of the Iranian Chemical Society, 2018, 15, 1411-1418.	2.2	6
39	Non-catalytic and catalytic ozonation of simple halohydrins in water. Journal of Environmental Chemical Engineering, 2019, 7, 102783.	6.7	6
40	Phase transformation of iron in hydroxyapatite in the activation of n-octane. Hyperfine Interactions, 2015, 231, 131-136.	0.5	5
41	Amino Acid Functionalized Hydrotalcites for Gene Silencing. Journal of Nanoscience and Nanotechnology, 2020, 20, 3387-3397.	0.9	5
42	A kinetic insight into the activation of n-octane with alkaline-earth metal hydroxyapatites. South African Journal of Chemistry, 2015, 68, 195-200.	0.6	5
43	Activation of n-Heptane: A Study with VMgO Catalysts. Catalysis Letters, 2014, 144, 590-597.	2.6	4
44	The Role of Bronsted and Lewis Acidity in the Green Synthesis of Homopropargyl Alcohols over HZSM-5. South African Journal of Chemistry, 2018, 71, 62-67.	0.6	4
45	The oxidative aromatization of n-hexane over VMgO catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2017, 120, 307-321.	1.7	3
46	Influence of preparation method of high surface area MnOx/SBA-15 catalysts for the activation of n-octane. Journal of Porous Materials, 2019, 26, 301-309.	2.6	3
47	Non oxidative and oxidative dehydrogenation of n-octane using FePO₄: effect of different FePO₄ phases on the product selectivity. Catalysis Science and Technology, 2020, 10, 7591-7600.	4.1	3
48	Removal of 2,4-Dichlorophenoxyacetic acid from water and organic by-product minimization by catalytic ozonation. Journal of Environmental Health Science & Engineering, 2019, 17, 85-95.	3.0	2
49	Partial oxidation of n-pentane over vanadium phosphorus oxide supported on hydroxyapatites. South African Journal of Chemistry, 2016, 69, .	0.6	2
50	Solvent free transformation of benzyl alcohol to benzaldehyde over copper and zinc modified phosphomolybdic acid catalysts at room temperature. South African Journal of Science and Technology, 2021, 40, 31-36.	0.1	1
51	Title is missing!. Journal of Solution Chemistry, 2003, 32, 435-450.	1.2	0
52	The Mitigation of CO Present in the Waterâ€“Gas Shift Reformate Gas over IR-TiO2 and IR-ZrO2 Catalysts. Catalysts, 2021, 11, 1378.	3.5	0