Sooboo Singh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/366138/publications.pdf

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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	Histidine-Tagged Folate-Targeted Gold Nanoparticles for Enhanced Transgene Expression in Breast Cancer Cells In Vitro. Pharmaceutics, 2022, 14, 53.	4.5	18
2	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
3	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
4	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
5	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
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	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
8	Amino Acid Functionalized Hydrotalcites for Gene Silencing. Journal of Nanoscience and Nanotechnology, 2020, 20, 3387-3397.	0.9	5
9	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
10	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
11	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
12	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
13	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
14	Non-catalytic and catalytic ozonation of simple halohydrins in water. Journal of Environmental Chemical Engineering, 2019, 7, 102783.	6.7	6
15	Remediation of CO by oxidation over Au nanoparticles supported on mixed metal oxides. Journal of Environmental Chemical Engineering, 2019, 7, 102827.	6.7	11
16	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
17	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
18	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

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19	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
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	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
22	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
23	An investigation of iron modified hydroxyapatites used in the activation of n-octane. Molecular Catalysis, 2017, 438, 256-266.	2.0	13
24	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
25	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
26	The oxidative aromatization of n-hexane over VMgO catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2017, 120, 307-321.	1.7	3
27	Hydrogenolysis of Glycerol to Monoalcohols over Supported Mo and W Catalysts. ACS Sustainable Chemistry and Engineering, 2016, 4, 5752-5760.	6.7	46
28	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
29	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
30	The Role of Copper Exchanged Phosphomolybdic Acid Catalyst for Knoevenagel Condensation. Catalysis Letters, 2016, 146, 1470-1477.	2.6	26
31	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
32	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
33	Efficient Solvent Free Knoevenagel Condensation Over Vanadium Containing Heteropolyacid Catalysts. Catalysis Letters, 2016, 146, 364-372.	2.6	31
34	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
35	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
36	Partial oxidation of n-pentane over vanadium phosphorus oxide supported on hydroxyapatites. South African Journal of Chemistry, 2016, 69, .	0.6	2

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37	Synthesis and Characterization of Layered Double Hydroxides and Their Potential as Nonviral Gene Delivery Vehicles. ChemistryOpen, 2015, 4, 137-145.	1.9	38
38	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
39	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
40	Phase transformation of iron in hydroxyapatite in the activation of n-octane. Hyperfine Interactions, 2015, 231, 131-136.	0.5	5
41	Fe phase complexes and their thermal stability in iron phosphate catalysts supported on silica. Hyperfine Interactions, 2015, 231, 137-142.	0.5	7
42	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
43	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
44	Activation of n-Heptane: A Study with VMgO Catalysts. Catalysis Letters, 2014, 144, 590-597.	2.6	4
45	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
46	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
47	Activation of n-octane using vanadium oxide supported on alkaline earth hydroxyapatites. Applied Catalysis A: General, 2013, 456, 105-117.	4.3	37
48	Oxidative dehydrogenation of n-octane using vanadium pentoxide-supported hydroxyapatite catalysts. Applied Catalysis A: General, 2012, 421-422, 58-69.	4.3	42
49	Solvent-free Knoevenagel condensation over iridium and platinum hydroxyapatites. Kinetics and Catalysis, 2011, 52, 536-539.	1.0	12
50	Solvent-Free Knoevenagel Condensation over Cobalt Hydroxyapatite. Synthetic Communications, 2010, 40, 3710-3715.	2.1	21
51	Selective Oxidation of n-Pentane Over V2O5 Supported on Hydroxyapatite. Catalysis Letters, 2008, 126, 200-206.	2.6	19
52	Title is missing!. Journal of Solution Chemistry, 2003, 32, 435-450.	1.2	0