

# Sooboo Singh

## List of Publications by Year in descending order

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52  
papers

787  
citations

430843

18  
h-index

580810

25  
g-index

53  
all docs

53  
docs citations

53  
times ranked

917  
citing authors

#	ARTICLE	IF	CITATIONS
1	Histidine-Tagged Folate-Targeted Gold Nanoparticles for Enhanced Transgene Expression in Breast Cancer Cells In Vitro. <i>Pharmaceutics</i> , 2022, 14, 53.	4.5	18
2	The Mitigation of CO Present in the Waterâ€“Gas Shift Reformate Gas over IR-TiO <sub>2</sub> and IR-ZrO <sub>2</sub> Catalysts. <i>Catalysts</i> , 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. <i>South African Journal of Science and Technology</i> , 2021, 40, 31-36.	0.1	1
4	Comparative studies for CO oxidation and hydrogenation over supported Pt catalysts prepared by different synthesis methods. <i>Renewable Energy</i> , 2020, 148, 1041-1053.	8.9	18
5	Non oxidative and oxidative dehydrogenation of <i>n</i> -octane using FePO <sub>4</sub> : effect of different FePO <sub>4</sub> phases on the product selectivity. <i>Catalysis Science and Technology</i> , 2020, 10, 7591-7600.	4.1	3
6	Effect of the TiO <sub>2</sub> Anatase/Rutile Ratio and Interface for the Oxidative Activation of <i>n</i> -Octane. <i>ACS Catalysis</i> , 2020, 10, 2211-2220.	11.2	36
7	Engineering of catalytic sites of Pdx-Ce <sub>1-x</sub> O <sub>2</sub> for dehydrogenation, oxygen insertion and reverse water gas shift reactions during methane combustion. <i>Applied Catalysis B: Environmental</i> , 2020, 275, 119118.	20.2	21
8	Amino Acid Functionalized Hydrotalcites for Gene Silencing. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 3387-3397.	0.9	5
9	Influence of preparation method of high surface area MnOx/SBA-15 catalysts for the activation of <i>n</i> -octane. <i>Journal of Porous Materials</i> , 2019, 26, 301-309.	2.6	3
10	Debromination of 2,4,6-Tribromophenol and bromate ion minimization in Water by catalytic ozonation. <i>Journal of Water Process Engineering</i> , 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. <i>Sustainable Energy and Fuels</i> , 2019, 3, 2038-2047.	4.9	9
12	Selected metal oxides for C-H bond activation of <i>n</i> -octane and propensity for CO formation: An empirical study. <i>Molecular Catalysis</i> , 2019, 464, 1-9.	2.0	7
13	Removal of 2,4-Dichlorophenoxyacetic acid from water and organic by-product minimization by catalytic ozonation. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2019, 17, 85-95.	3.0	2
14	Non-catalytic and catalytic ozonation of simple halohydrins in water. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102783.	6.7	6
15	Remediation of CO by oxidation over Au nanoparticles supported on mixed metal oxides. <i>Journal of Environmental Chemical Engineering</i> , 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. <i>Catalysis Letters</i> , 2018, 148, 1355-1365.	2.6	9
17	Synergistic role of Brønsted and Lewis acidity in alkali metal-exchanged heteropolyacid catalysts for esterification of acetic acid at room temperature. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1411-1418.	2.2	6
18	TiO <sub>2</sub> and ZrO <sub>2</sub> supported Ru catalysts for CO mitigation following the water-gas shift reaction. <i>International Journal of Hydrogen Energy</i> , 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. <i>Molecular Catalysis</i> , 2018, 460, 74-82.	2.0	12
20	Simultaneous removal of 2,4,6-tribromophenol from water and bromate ion minimization by ozonation. <i>Journal of Hazardous Materials</i> , 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. <i>South African Journal of Chemistry</i> , 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. <i>Catalysis Letters</i> , 2017, 147, 525-538.	2.6	6
23	An investigation of iron modified hydroxyapatites used in the activation of n-octane. <i>Molecular Catalysis</i> , 2017, 438, 256-266.	2.0	13
24	An investigation of Cu <sup>2+</sup> /ZnO catalysts for the hydrogenolysis of glycerol under continuous flow conditions. <i>Sustainable Energy and Fuels</i> , 2017, 1, 1437-1445.	4.9	10
25	Efficient and expeditious chemoselective BOC protection of amines in catalyst and solvent-free media. <i>Research on Chemical Intermediates</i> , 2017, 43, 1355-1363.	2.7	7
26	The oxidative aromatization of n-hexane over VMgO catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017, 120, 307-321.	1.7	3
27	Hydrogenolysis of Glycerol to Monoalcohols over Supported Mo and W Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 5752-5760.	6.7	46
28	CO oxidation activity enhancement of Ce <sub>0.95</sub> Cu <sub>0.05</sub> O <sub>2</sub> induced by Pd co-substitution. <i>Catalysis Science and Technology</i> , 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. <i>Journal of Molecular Catalysis A</i> , 2016, 425, 116-123.	4.8	20
30	The Role of Copper Exchanged Phosphomolybdic Acid Catalyst for Knoevenagel Condensation. <i>Catalysis Letters</i> , 2016, 146, 1470-1477.	2.6	26
31	The influence of Montmorillonite K10 as a support in the nickel catalyzed hydrogenation of octanal. <i>Journal of Porous Materials</i> , 2016, 23, 175-183.	2.6	7
32	Preferential CO oxidation in a hydrogen-rich stream over Au supported on Ni-Fe mixed metal oxides for fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 2144-2153.	7.1	11
33	Efficient Solvent Free Knoevenagel Condensation Over Vanadium Containing Heteropolyacid Catalysts. <i>Catalysis Letters</i> , 2016, 146, 364-372.	2.6	31
34	Effect of Cu additives on the performance of a cobalt substituted ceria (Ce <sub>0.90</sub> Co <sub>0.10</sub> O <sub>2</sub> ) catalyst in total and preferential CO oxidation. <i>Applied Catalysis B: Environmental</i> , 2016, 182, 1-14.	20.2	57
35	The preferential oxidation of CO in hydrogen rich streams over platinum doped nickel oxide catalysts. <i>Applied Catalysis B: Environmental</i> , 2016, 180, 687-697.	20.2	35
36	Partial oxidation of n-pentane over vanadium phosphorus oxide supported on hydroxyapatites. <i>South African Journal of Chemistry</i> , 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. <i>ChemistryOpen</i> , 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. <i>Catalysis Letters</i> , 2015, 145, 668-678.	2.6	7
39	Preferential oxidation of CO in a hydrogen rich feed stream using Co-Fe mixed metal oxide catalysts prepared from hydrotalcite precursors. <i>Journal of Molecular Catalysis A</i> , 2015, 404-405, 167-177.	4.8	24
40	Phase transformation of iron in hydroxyapatite in the activation of n-octane. <i>Hyperfine Interactions</i> , 2015, 231, 131-136.	0.5	5
41	Fe phase complexes and their thermal stability in iron phosphate catalysts supported on silica. <i>Hyperfine Interactions</i> , 2015, 231, 137-142.	0.5	7
42	Effect of different weight loadings of MoO <sub>x</sub> /SBA-15 on the oxidative dehydrogenation of n-octane. <i>Journal of Porous Materials</i> , 2015, 22, 787-796.	2.6	8
43	A kinetic insight into the activation of n-octane with alkaline-earth metal hydroxyapatites. <i>South African Journal of Chemistry</i> , 2015, 68, 195-200.	0.6	5
44	Activation of n-Heptane: A Study with VMgO Catalysts. <i>Catalysis Letters</i> , 2014, 144, 590-597.	2.6	4
45	Vanadium oxide supported on non-stoichiometric strontium hydroxyapatite catalysts for the oxidative dehydrogenation of n-octane. <i>Journal of Molecular Catalysis A</i> , 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. <i>Applied Catalysis A: General</i> , 2013, 467, 142-153.	4.3	28
47	Activation of n-octane using vanadium oxide supported on alkaline earth hydroxyapatites. <i>Applied Catalysis A: General</i> , 2013, 456, 105-117.	4.3	37
48	Oxidative dehydrogenation of n-octane using vanadium pentoxide-supported hydroxyapatite catalysts. <i>Applied Catalysis A: General</i> , 2012, 421-422, 58-69.	4.3	42
49	Solvent-free Knoevenagel condensation over iridium and platinum hydroxyapatites. <i>Kinetics and Catalysis</i> , 2011, 52, 536-539.	1.0	12
50	Solvent-Free Knoevenagel Condensation over Cobalt Hydroxyapatite. <i>Synthetic Communications</i> , 2010, 40, 3710-3715.	2.1	21
51	Selective Oxidation of n-Pentane Over V <sub>2</sub> O <sub>5</sub> Supported on Hydroxyapatite. <i>Catalysis Letters</i> , 2008, 126, 200-206.	2.6	19
52	Title is missing!. <i>Journal of Solution Chemistry</i> , 2003, 32, 435-450.	1.2	0