

Vishwanath Ganpat Deshmane

List of Publications by Year in descending order

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12
papers

785
citations

932766

10
h-index

1372195

10
g-index

12
all docs

12
docs citations

12
times ranked

1181
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous nanocrystalline TiO ₂ supported metal (Cu, Co, Ni, Pd, Zn, and Sn) catalysts: Effect of metal-support interactions on steam reforming of methanol. <i>Journal of Molecular Catalysis A</i> , 2015, 408, 202-213.	4.8	158
2	Synthesis of thermally stable, high surface area, nanocrystalline mesoporous tetragonal zirconium dioxide (ZrO ₂): Effects of different process parameters. <i>Microporous and Mesoporous Materials</i> , 2012, 148, 88-100.	2.2	125
3	Synthesis and kinetics of biodiesel formation via calcium methoxide base catalyzed transesterification reaction in the absence and presence of ultrasound. <i>Fuel</i> , 2013, 107, 474-482.	3.4	110
4	Ultrasound-Assisted Synthesis of Biodiesel from Palm Fatty Acid Distillate. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 7923-7927.	1.8	90
5	Synthesis of stable Cu-MCM-41 nanocatalysts for H ₂ production with high selectivity via steam reforming of methanol. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 10439-10452.	3.8	82
6	Ultrasound assisted synthesis of isopropyl esters from palm fatty acid distillate. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 345-350.	3.8	77
7	Mesoporous nanocrystalline sulfated zirconia synthesis and its application for FFA esterification in oils. <i>Applied Catalysis A: General</i> , 2013, 462-463, 196-206.	2.2	61
8	Intensification of Enzymatic Hydrolysis of Cellulose Using High-Frequency Ultrasound: An Investigation of the Effects of Process Parameters on Glucose Yield. <i>Energy & Fuels</i> , 2015, 29, 4998-5006.	2.5	29
9	Comparative Studies of Silica-Encapsulated Iron, Cobalt, and Ruthenium Nanocatalysts for Fischer-Tropsch Synthesis in Silicon-Microchannel Microreactors. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 16245-16253.	1.8	23
10	Effect of titania support on Fischer-Tropsch synthesis using cobalt, iron, and ruthenium catalysts in silicon-microchannel microreactor. <i>Molecular Catalysis</i> , 2019, 478, 110566.	1.0	21
11	Cu-Ni Nanocatalysts in Mesoporous MCM-41 and TiO ₂ to Produce Hydrogen for Fuel Cells via Steam Reforming Reactions. <i>Advanced Materials Research</i> , 0, 1096, 161-168.	0.3	6
12	Fischer-Tropsch Synthesis in Silicon and 3D Printed Stainless Steel Microchannel Microreactors. , 2021, , 429-457.		3