

# Vishwanath Ganpat Deshmane

## List of Publications by Year in descending order

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12  
papers

785  
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932766

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1372195

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12  
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12  
docs citations

12  
times ranked

1181  
citing authors

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