

# Shanthi Priya Samudrala

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6671177/publications.pdf>

Version: 2024-02-01

11  
papers

336  
citations

1040018

9  
h-index

1474186

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

508  
citing authors

#	ARTICLE	IF	CITATIONS
1	Valorisation of glycerol through catalytic hydrogenolysis routes for sustainable production of value-added C <sub>3</sub> chemicals: current and future trends. Sustainable Energy and Fuels, 2022, 6, 596-639.	4.9	18
2	One-step peracetic acid pretreatment of hardwood and softwood biomass for platform chemicals production. Scientific Reports, 2021, 11, 11183.	3.3	43
3	A study on the performance of coke resistive cerium modified zeolite Y catalyst for the pyrolysis of scrap tyres in a two-stage fixed bed reactor. Waste Management, 2020, 102, 139-148.	7.4	29
4	One-pot synthesis of bio-fuel additives from glycerol and benzyl alcohol: Mesoporous MCM-41 supported iron (III) chloride as a highly efficient tandem catalyst. Renewable Energy, 2020, 156, 883-892.	8.9	14
5	The route towards sustainable production of ethylene glycol from a renewable resource, biodiesel waste: a review. Catalysis Science and Technology, 2019, 9, 567-577.	4.1	44
6	Hydrogenation of levulinic acid to valeric acid over platinum-tungsten catalysts supported on $\gamma$ -Al <sub>2</sub> O <sub>3</sub> . New Journal of Chemistry, 2019, 43, 18003-18011.	2.8	15
7	Toward the Sustainable Synthesis of Propanols from Renewable Glycerol over MoO <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> Supported Palladium Catalysts. Catalysts, 2018, 8, 385.	3.5	19
8	Vapour Phase Hydrogenolysis of Glycerol over NaY-Zeolite Supported Ru Catalysts for Targeted Selectivity towards 1,2-Propanediol. , 2018, , .		0
9	Turning Biodiesel Waste Glycerol into 1,3-Propanediol: Catalytic Performance of Sulphuric acid-Activated Montmorillonite Supported Platinum Catalysts in Glycerol Hydrogenolysis. Scientific Reports, 2018, 8, 7484.	3.3	54
10	Combining additive manufacturing and catalysis: a review. Catalysis Science and Technology, 2017, 7, 3421-3439.	4.1	96
11	Glycerol Transformation to Value-Added 1,3-Propanediol Production: A Paradigm for a Sustainable Biorefinery Process. , 0, , .		4