

# Pavitra Sandilya

## List of Publications by Year in descending order

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8  
papers

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2258059

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2272923

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Cryochemical Approach To Develop Catalysts for Intensification of the Hydrodesulfurization Reaction. Industrial & Engineering Chemistry Research, 2019, 58, 6266-6277.	3.7	5
2	Design of dewar supports through topology optimization. IOP Conference Series: Materials Science and Engineering, 2020, 755, 012054.	0.6	4
3	Structural and thermal analysis of dewar supports for low boil-off long duration storage of cryogenic liquids. Indian Journal of Cryogenics, 2018, 43, 33.	0.1	3
4	A novel perspective on the performance analysis and design of an injection cooling system for liquid storage. International Communications in Heat and Mass Transfer, 2020, 117, 104794.	5.6	2
5	Theoretical comparison of thermo-mechanical behavior of a tension rod and a coil as dewar support. Indian Journal of Cryogenics, 2019, 44, 216.	0.1	2
6	Revisiting the dewar design for liquid oxygen storage in fuel cell energy systems. International Communications in Heat and Mass Transfer, 2022, 134, 105975.	5.6	2
7	Optimization of the performance of injection cooling system using genetic algorithm. Indian Journal of Cryogenics, 2018, 43, 16.	0.1	1
8	Optimal design of a helical coil support for dewars in fuel cell applications. Environmental Science and Pollution Research, 2023, 30, 24963-24974.	5.3	0