

Preeti Rao Usurumarti

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

97
citations

1937685
4
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1872680
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g-index

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all docs

9
docs citations

9
times ranked

57
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational prediction of pressure drop and heat transfer with cryogen based nanofluids to be used in micro-heat exchangers. International Journal of Mechanical Sciences, 2017, 130, 133-142.	6.7	28
2	Analytical approximations for thermophysical properties of supercritical nitrogen (SCN) to be used in futuristic high temperature superconducting (HTS) cables. Physica C: Superconductivity and Its Applications, 2015, 519, 53-59.	1.2	23
3	Superconducting magnetic energy storage (SMES) devices integrated with resistive type superconducting fault current limiter (SFCL) for fast recovery time. Journal of Energy Storage, 2017, 13, 287-295.	8.1	21
4	Statistical correlations for thermophysical properties of Supercritical Argon (SCAR) used in cooling of futuristic High Temperature Superconducting (HTS) cables. Physica C: Superconductivity and Its Applications, 2017, 536, 30-34.	1.2	10
5	Parametric Evaluation of AC Losses in 500 MVA/1.1 kA High Temperature Superconducting (HTS) Cable for Efficient Power Transmission: Self Field Analysis. , 2014, , .		9
6	Feasibility Studies on the Cooling of Hybrid Rocket Nozzles Using Supercritical Nitrous Oxide. Energy Procedia, 2017, 109, 338-345.	1.8	3
7	Conceptual design and cooling strategies of current lead for superconducting power transmission applications. , 2016, , .		2
8	Development of Correlation for Thermophysical Properties of Supercritical Oxygen to Be Used in SMES. Journal of Clean Energy Technologies, 2015, 4, 173-177.	0.1	0