

James Varghese

List of Publications by Year in descending order

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11
papers

216
citations

1478505

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1474206

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11
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docs citations

11
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional steady state numerical analysis of inclined two phase closed thermosyphon for solar applications. <i>Case Studies in Thermal Engineering</i> , 2022, 30, 101805.	5.7	3
2	Optimum sizing of hydrokinetic turbine integrated photovoltaic-battery system incorporating uncertainties of resources. <i>International Journal of Green Energy</i> , 2021, 18, 645-655.	3.8	4
3	Sizing and techno-economic analysis of hydrokinetic turbine based standalone hybrid energy systems. <i>Energy</i> , 2021, 221, 119717.	8.8	6
4	Parametric Analysis and Optimisation of Efficiency of a Kalina Cycle with Turbine Staging. <i>Journal of the Institution of Engineers (India): Series C</i> , 2021, 102, 1529-1539.	1.2	1
5	Numerical analysis of a hybrid thermal energy storage system using thermochemical and phase change material for constant, low temperature applications. <i>International Journal of Exergy</i> , 2021, 36, 345.	0.4	0
6	Integration of hydrokinetic turbine-PV-battery standalone system for tropical climate condition. <i>Renewable Energy</i> , 2020, 149, 361-373.	8.9	15
7	Improved area energy targeting for fired heater integrated heat exchanger networks. <i>Chemical Engineering Research and Design</i> , 2012, 90, 213-219.	5.6	13
8	Fired heater integration into total site and multiple fired heater targeting. <i>Applied Thermal Engineering</i> , 2012, 42, 111-118.	6.0	13
9	Targeting for cogeneration potential through total site integration. <i>Applied Thermal Engineering</i> , 2010, 30, 6-14.	6.0	125
10	Energy integration of fired heaters into overall processes. <i>International Journal of Environment and Sustainable Development</i> , 2009, 8, 36.	0.3	5
11	Targeting for Energy Integration of Multiple Fired Heaters. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 5631-5644.	3.7	31