

# Amitav Tikadar

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

200  
citations

1307594

7  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

96  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow-Assisted Evaporative Cooling for Electric Motor. IEEE Transactions on Transportation Electrification, 2022, 8, 1128-1143.	7.8	10
2	Parametric study of heat transfer characteristics of enhanced surfaces in a spray cooling system: An experimental investigation. Applied Thermal Engineering, 2021, 183, 115824.	6.0	28
3	Comparison of electro-thermal performance of advanced cooling techniques for electric vehicle motors. Applied Thermal Engineering, 2021, 183, 116182.	6.0	55
4	A Critical Review on the Development of Ionic Liquids-Based Nanofluids as Heat Transfer Fluids for Solar Thermal Energy. Processes, 2021, 9, 858.	2.8	12
5	Enhancing thermal-hydraulic performance of counter flow mini-channel heat sinks utilizing secondary flow: Numerical study with experimental validation. International Communications in Heat and Mass Transfer, 2020, 111, 104447.	5.6	35
6	Coupled Electro-Thermal Analysis of Permanent Magnet Synchronous Motor for Electric Vehicles. , 2020, , .		13
7	Parametric study on thermal and hydraulic characteristics of inter-connected parallel and counter flow mini-channel heat sink. Applied Thermal Engineering, 2019, 153, 15-28.	6.0	25
8	Effect of Inter-Connector on Thermo-Hydraulic Characteristics of Parallel and Counter Flow Mini-Channel Heat Sink. , 2018, , .		1
9	Numerical investigation of heat transfer and pressure drop in nuclear fuel rod with three-dimensional surface roughness. International Journal of Heat and Mass Transfer, 2018, 126, 493-507.	4.8	13
10	The Effects of Hybrid Sandblasting Patterns on the Heat Transfer Performance in a Single-Phase Microchannel Heat Sink. , 2017, , .		4
11	Numerical investigation of thermal performance of a water-cooled mini-channel heat sink for different chip arrangement. AIP Conference Proceedings, 2016, , .	0.4	3
12	Enhanced heat sink with geometry induced wall-jet. AIP Conference Proceedings, 2016, , .	0.4	1