

Sambhaji T Kadam

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

264
citations

1307594

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h-index

1281871

11
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13
all docs

13
docs citations

13
times ranked

185
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Thermo-economic and environmental assessment of hybrid vapor compression-absorption refrigeration systems for district cooling. <i>Energy</i> , 2022, 243, 122991. | 8.8 | 24 |
| 2 | A new correlation for performance prediction of small and large capacity single-effect vapor absorption refrigeration systems. , 2022, 1, 100002. | | 6 |
| 3 | Systematic assessment of the dynamic behavior of ecofriendly refrigerants used in dual vapor compression chiller. <i>Science and Technology for the Built Environment</i> , 2021, 27, 917-935. | 1.7 | 2 |
| 4 | A comprehensive review of recent developments in falling-film, spray, bubble and microchannel absorbers for absorption systems. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 142, 110807. | 16.4 | 25 |
| 5 | Bubble dynamics in microchannel: An overview of the state-of-the-art. <i>Meccanica</i> , 2021, 56, 481-513. | 2.0 | 4 |
| 6 | Review on Modeling of Vapor Compression Chillers: District Cooling Perspective. <i>International Journal of Air-Conditioning and Refrigeration</i> , 2020, 28, 2030003. | 0.7 | 7 |
| 7 | Investigation of binary, ternary and quaternary mixtures across solution heat exchanger used in absorption refrigeration and process modifications to improve cycle performance. <i>Energy</i> , 2020, 198, 117254. | 8.8 | 11 |
| 8 | Performance Augmentation of Single-Phase Heat Transfer in Open-Type Microchannel Heat Sink. <i>Journal of Thermophysics and Heat Transfer</i> , 2019, 33, 416-424. | 1.6 | 25 |
| 9 | Understanding of bubble growth at nucleation site using energy based non-dimensional numbers and their impact on critical heat flux condition in microchannel. <i>Thermal Science and Engineering Progress</i> , 2018, 7, 70-75. | 2.7 | 1 |
| 10 | Development of New Critical Heat Flux Correlation for Microchannel Using Energy-Based Bubble Growth Model. <i>Journal of Heat Transfer</i> , 2016, 138, . | 2.1 | 9 |
| 11 | Simplified Model for Prediction of Bubble Growth at Nucleation Site in Microchannels. <i>Journal of Heat Transfer</i> , 2014, 136, . | 2.1 | 13 |
| 12 | Twenty first century cooling solution: Microchannel heat sinks. <i>International Journal of Thermal Sciences</i> , 2014, 85, 73-92. | 4.9 | 136 |
| 13 | Bubble Growth at Nucleation Cavity in Microchannels. , 2013, , . | | 1 |