

# Sambhaji T Kadam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5755543/publications.pdf>

Version: 2024-02-01

13  
papers

264  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

185  
citing authors

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