

# Anil S Katarkar

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

140  
citations

1307594

7  
h-index

1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

56  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of Pool Boiling Heat Transfer Performance of R-134a on Microporous Al@GNPs Composite Coatings. <i>International Journal of Thermophysics</i> , 2022, 43, 1.	2.1	8
2	Developing Al@GNPs composite coating for pool boiling applications by combining mechanical milling, screen printing and sintering methods. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 2110-2121.	1.4	1
3	Fabrication of nano-copper surfaces by thermal evaporation technique to investigate nucleate pool boiling heat transfer performance of R-141b. <i>Materials Today: Proceedings</i> , 2022, 62, 2865-2872.	1.8	1
4	Fabrication of aluminum coatings via thermal evaporation technique for enhancement of pool boiling performance of R-600a. <i>Materials Today: Proceedings</i> , 2022, 62, 2946-2953.	1.8	0
5	Fabrication and tribo-mechanical performance of Cu@Al <sub>2</sub> O <sub>3</sub> composite. <i>Materials Today: Proceedings</i> , 2022, 64, 1175-1181.	1.8	3
6	Facile synthesis of graphene by ultrasonic-assisted electrochemical exfoliation of graphite. <i>Materials Today: Proceedings</i> , 2021, 44, 467-472.	1.8	28
7	A review on the effects of porous coating surfaces on boiling heat transfer. <i>Materials Today: Proceedings</i> , 2021, 44, 362-367.	1.8	13
8	Effect of GNPs Concentration on the Pool Boiling Performance of R-134a on Cu-GNPs Nanocomposite Coatings Prepared by a Two-Step Electrodeposition Method. <i>International Journal of Thermophysics</i> , 2021, 42, 1.	2.1	13
9	Recent researches on Cu-Ni alloy matrix composites through electrodeposition and powder metallurgy methods: A review. <i>Materials Today: Proceedings</i> , 2021, 47, 3301-3308.	1.8	18
10	Experimental investigation of pool boiling heat transfer performance of refrigerant R-134a on differently roughened copper surfaces. <i>Materials Today: Proceedings</i> , 2021, 47, 3269-3275.	1.8	4
11	Experimental Study of Pool Boiling Enhancement Using a Two-Step Electrodeposited Cu@GNPs Nanocomposite Porous Surface With R-134a. <i>Journal of Heat Transfer</i> , 2021, 143, .	2.1	15
12	A review on the heat transfer characteristics of nanomaterials suspended with refrigerants in refrigeration systems. <i>Materials Today: Proceedings</i> , 2021, 44, 1331-1335.	1.8	6
13	Effect of structured surface on contact angle using Sessile Droplet method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 814, 012034.	0.6	5
14	Review on Passive Heat Enhancement Techniques in Pool Boiling Heat Transfer. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 814, 012031.	0.6	8
15	Effect of enhanced surfaces and materials in boiling heat transfer with HFO Refrigerants: A review. <i>Materials Today: Proceedings</i> , 2020, 26, 2237-2241.	1.8	16
16	Fabrication of Cu@G composite coatings and their pool boiling performance with R-134a and R-1234yf. <i>Advances in Materials and Processing Technologies</i> , 0, , 1-13.	1.4	1