Anil S Katarkar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4439556/publications.pdf

Version: 2024-02-01

16	140	1307594	1199594
papers	citations	7 h-index	12 g-index

17	17	17	56
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Facile synthesis of graphene by ultrasonic-assisted electrochemical exfoliation of graphite. Materials Today: Proceedings, 2021, 44, 467-472.	1.8	28
2	Recent researches on Cu-Ni alloy matrix composites through electrodeposition and powder metallurgy methods: A review. Materials Today: Proceedings, 2021, 47, 3301-3308.	1.8	18
3	Effect of enhanced surfaces and materials in boiling heat transfer with HFO Refrigerants: A review. Materials Today: Proceedings, 2020, 26, 2237-2241.	1.8	16
4	Experimental Study of Pool Boiling Enhancement Using a Two-Step Electrodeposited Cuâ€“GNPs Nanocomposite Porous Surface With R-134a. Journal of Heat Transfer, 2021, 143, .	2.1	15
5	A review on the effects of porous coating surfaces on boiling heat transfer. Materials Today: Proceedings, 2021, 44, 362-367.	1.8	13
6	Effect of GNPs Concentration on the Pool Boiling Performance of R-134a on Cu-GNPs Nanocomposite Coatings Prepared by a Two-Step Electrodeposition Method. International Journal of Thermophysics, 2021, 42, 1.	2.1	13
7	Review on Passive Heat Enhancement Techniques in Pool Boiling Heat Transfer. IOP Conference Series: Materials Science and Engineering, 2020, 814, 012031.	0.6	8
8	Enhancement of Pool Boiling Heat Transfer Performance of R-134a on Microporous Al@GNPs Composite Coatings. International Journal of Thermophysics, 2022, 43, 1.	2.1	8
9	A review on the heat transfer characteristics of nanomaterials suspended with refrigerants in refrigeration systems. Materials Today: Proceedings, 2021, 44, 1331-1335.	1.8	6
10	Effect of structured surface on contact angle using Sessile Droplet method. IOP Conference Series: Materials Science and Engineering, 2020, 814, 012034.	0.6	5
11	Experimental investigation of pool boiling heat transfer performance of refrigerant R-134a on differently roughened copper surfaces. Materials Today: Proceedings, 2021, 47, 3269-3275.	1.8	4
12	Fabrication and tribo-mechanical performance of Cu@Al2O3 composite. Materials Today: Proceedings, 2022, 64, 1175-1181.	1.8	3
13	Fabrication of Cu@G composite coatings and their pool boiling performance with R-134a and R-1234yf. Advances in Materials and Processing Technologies, 0, , 1-13.	1.4	1
14	Developing Al@GNPs composite coating for pool boiling applications by combining mechanical milling, screen printing and sintering methods. Advances in Materials and Processing Technologies, 2022, 8, 2110-2121.	1.4	1
15	Fabrication of nano-copper surfaces by thermal evaporation technique to investigate nucleate pool boiling heat transfer performance of R-141b. Materials Today: Proceedings, 2022, 62, 2865-2872.	1.8	1
16	Fabrication of aluminum coatings via thermal evaporation technique for enhancement of pool boiling performance of R-600a. Materials Today: Proceedings, 2022, 62, 2946-2953.	1.8	0