

Mz Sharif

List of Publications by Year in descending order

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840119

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citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative air conditioning performance using SiO ₂ and Al ₂ O ₃ nanolubricants operating with Hydrofluoroolefin-1234yf refrigerant. Applied Thermal Engineering, 2022, 205, 118053.	3.0	17
2	Utilization of Response Surface Method (RSM) in Optimizing Automotive Air Conditioning (AAC) Performance Exerting Al ₂ O ₃ /PAG Nanolubricant. Journal of Physics: Conference Series, 2020, 1532, 012003.	0.3	2
3	Mechanism for improvement in refrigeration system performance by using nanorefrigerants and nanolubricants – A review. International Communications in Heat and Mass Transfer, 2018, 92, 56-63.	2.9	53
4	Experimental investigation on thermo-physical properties of metal oxide composite nanolubricants. International Journal of Refrigeration, 2018, 89, 11-21.	1.8	71
5	Performance analysis of SiO ₂ /PAG nanolubricant in automotive air conditioning system. International Journal of Refrigeration, 2017, 75, 204-216.	1.8	95
6	Comparative study of thermo-physical properties of SiO ₂ and Al ₂ O ₃ nanoparticles dispersed in PAG lubricant. Applied Thermal Engineering, 2017, 116, 823-832.	3.0	74
7	Development of nanolubricant automotive air conditioning (AAC) test rig. MATEC Web of Conferences, 2017, 90, 01050.	0.1	12
8	Thermal conductivity enhancement of Al ₂ O ₃ and SiO ₂ nanolubricants for application in automotive air conditioning (AAC) system. MATEC Web of Conferences, 2017, 90, 01051.	0.1	14
9	Preparation and stability of silicone dioxide dispersed in polyalkylene glycol based nanolubricants. MATEC Web of Conferences, 2017, 90, 01049.	0.1	21
10	Thermo-physical properties of Al ₂ O ₃ -SiO ₂ /PAG composite nanolubricant for refrigeration system. International Journal of Refrigeration, 2017, 80, 1-10.	1.8	93
11	Potential of nanorefrigerant and nanolubricant on energy saving in refrigeration system – A review. Renewable and Sustainable Energy Reviews, 2017, 69, 415-428.	8.2	159
12	Development of nanorefrigerants for various types of refrigerant based: A comprehensive review on performance. International Communications in Heat and Mass Transfer, 2016, 76, 285-293.	2.9	54
13	Investigation of thermal conductivity and viscosity of Al ₂ O ₃ /PAG nanolubricant for application in automotive air conditioning system. International Journal of Refrigeration, 2016, 70, 93-102.	1.8	95
14	Energy and exergy analysis of compact automotive air conditioning (AAC) system. IOP Conference Series: Materials Science and Engineering, 0, 469, 012042.	0.3	2