

# Mz Sharif

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

762  
citations

840119

11  
h-index

1125271

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

361  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Investigation of thermal conductivity and viscosity of Al <sub>2</sub> O <sub>3</sub> /PAG nanolubricant for application in automotive air conditioning system. International Journal of Refrigeration, 2016, 70, 93-102.	1.8	95
3	Performance analysis of SiO <sub>2</sub> /PAG nanolubricant in automotive air conditioning system. International Journal of Refrigeration, 2017, 75, 204-216.	1.8	95
4	Thermo-physical properties of Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> /PAG composite nanolubricant for refrigeration system. International Journal of Refrigeration, 2017, 80, 1-10.	1.8	93
5	Comparative study of thermo-physical properties of SiO <sub>2</sub> and Al <sub>2</sub> O <sub>3</sub> nanoparticles dispersed in PAG lubricant. Applied Thermal Engineering, 2017, 116, 823-832.	3.0	74
6	Experimental investigation on thermo-physical properties of metal oxide composite nanolubricants. International Journal of Refrigeration, 2018, 89, 11-21.	1.8	71
7	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
8	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
9	Preparation and stability of silicone dioxide dispersed in polyalkylene glycol based nanolubricants. MATEC Web of Conferences, 2017, 90, 01049.	0.1	21
10	Comparative air conditioning performance using SiO <sub>2</sub> and Al <sub>2</sub> O <sub>3</sub> nanolubricants operating with Hydrofluoroolefin-1234yf refrigerant. Applied Thermal Engineering, 2022, 205, 118053.	3.0	17
11	Thermal conductivity enhancement of Al <sub>2</sub> O <sub>3</sub> and SiO <sub>2</sub> nanolubricants for application in automotive air conditioning (AAC) system. MATEC Web of Conferences, 2017, 90, 01051.	0.1	14
12	Development of nanolubricant automotive air conditioning (AAC) test rig. MATEC Web of Conferences, 2017, 90, 01050.	0.1	12
13	Energy and exergy analysis of compact automotive air conditioning (AAC) system. IOP Conference Series: Materials Science and Engineering, 0, 469, 012042.	0.3	2
14	Utilization of Response Surface Method (RSM) in Optimizing Automotive Air Conditioning (AAC) Performance Exerting Al <sub>2</sub> O <sub>3</sub> /PAG Nanolubricant. Journal of Physics: Conference Series, 2020, 1532, 012003.	0.3	2