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List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

241
citations

1307594

7
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	Testing, simulation and soft-optimization of R410A low-GWP alternatives in heat pump system. International Journal of Refrigeration, 2015, 60, 106-117.	3.4	59
2	Effect of gasoline-bioethanol blends on the properties and lubrication characteristics of commercial engine oil. RSC Advances, 2017, 7, 15005-15019.	3.6	53
3	Production, characterization, engine performance and emission characteristics of Croton megalocarpus and Ceiba pentandra complementary blends in a single-cylinder diesel engine. RSC Advances, 2016, 6, 24584-24595.	3.6	31
4	A comprehensive study on the improvement of oxidation stability and NO _x emission levels by antioxidant addition to biodiesel blends in a light-duty diesel engine. RSC Advances, 2016, 6, 22436-22446.	3.6	30
5	Thermal Analyses of Loose Agave, Wheat Straw Fibers and Agave/Wheat Straw as New Hybrid Thermal Insulating Materials for Buildings. Journal of Natural Fibers, 2021, 18, 2173-2188.	3.1	22
6	Investigation of the tribochemical interactions of a tungsten-doped diamond-like carbon coating (W-DLC) with formulated palm trimethylolpropane ester (TMP) and polyalphaolefin (PAO). RSC Advances, 2017, 7, 26513-26531.	3.6	15
7	Free convection heat transfer inside square water-filled shallow enclosures. PLoS ONE, 2018, 13, e0204251.	2.5	8
8	The effect of particle size on the dispersion and wear protection ability of MoS ₂ particles in polyalphaolefin and trimethylolpropane ester. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2018, 232, 987-998.	1.8	7
9	Steam consumption minimization using genetic algorithm optimization method: an industrial case study. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-15.	2.3	5
10	Testing and simulation of potential energy savings in renewing used split-type and window-type air-conditioners. Building Services Engineering Research and Technology, 2020, 41, 586-602.	1.8	4
11	Comprehensive Investigation of Factors Influencing University Students' Academic Performance in Saudi Arabia. Education Sciences, 2021, 11, 375.	2.6	4
12	Transient simulation of heat pumps using low global warming potential refrigerants. Science and Technology for the Built Environment, 2015, 21, 658-665.	1.7	2
13	Tribological compatibility analysis of conventional lubricant additives with palm trimethylolpropane ester (TMP) and tetrahedral amorphous diamond-like carbon coating (ta-C). Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2018, 232, 999-1013.	1.8	1