

Abdullah Alabdulkarem

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	Thermal Analyses of Loose Agave, Wheat Straw Fibers and Agave/Wheat Straw as New Hybrid Thermal Insulating Materials for Buildings. <i>Journal of Natural Fibers</i> , 2021, 18, 2173-2188.	3.1	22
2	Comprehensive Investigation of Factors Influencing University Studentsâ€™ Academic Performance in Saudi Arabia. <i>Education Sciences</i> , 2021, 11, 375.	2.6	4
3	Testing and simulation of potential energy savings in renewing used split-type and window-type air-conditioners. <i>Building Services Engineering Research and Technology</i> , 2020, 41, 586-602.	1.8	4
4	The effect of particle size on the dispersion and wear protection ability of MoS ₂ particles in polyalphaolefin and trimethylolpropane ester. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2018, 232, 987-998.	1.8	7
5	Tribological compatibility analysis of conventional lubricant additives with palm trimethylolpropane ester (TMP) and tetrahedral amorphous diamond-like carbon coating (ta-C). <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2018, 232, 999-1013.	1.8	1
6	Free convection heat transfer inside square water-filled shallow enclosures. <i>PLoS ONE</i> , 2018, 13, e0204251.	2.5	8
7	Effect of gasolineâ€™bioethanol blends on the properties and lubrication characteristics of commercial engine oil. <i>RSC Advances</i> , 2017, 7, 15005-15019.	3.6	53
8	Investigation of the tribochemical interactions of a tungsten-doped diamond-like carbon coating (W-DLC) with formulated palm trimethylolpropane ester (TMP) and polyalphaolefin (PAO). <i>RSC Advances</i> , 2017, 7, 26513-26531.	3.6	15
9	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. <i>RSC Advances</i> , 2016, 6, 22436-22446.	3.6	30
10	Production, characterization, engine performance and emission characteristics of Croton megalocarpus and Ceiba pentandra complementary blends in a single-cylinder diesel engine. <i>RSC Advances</i> , 2016, 6, 24584-24595.	3.6	31
11	Transient simulation of heat pumps using low global warming potential refrigerants. <i>Science and Technology for the Built Environment</i> , 2015, 21, 658-665.	1.7	2
12	Testing, simulation and soft-optimization of R410A low-GWP alternatives in heat pump system. <i>International Journal of Refrigeration</i> , 2015, 60, 106-117.	3.4	59
13	Steam consumption minimization using genetic algorithm optimization method: an industrial case study. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-15.	2.3	5