

Abdul Khaliq

List of Publications by Year in descending order

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papers

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567281

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#	ARTICLE	IF	CITATIONS
1	Thermodynamic and Comparative Analysis of Ejector Refrigeration Cycle and Absorption Refrigeration Cycle Integrated Wet Ethanol-Fueled HCCI Engine for Cogeneration of Power and Cooling. Journal of Thermal Science and Engineering Applications, 2022, 14, .	1.5	3
2	Thermodynamic investigation of a novel cooling-power cogeneration system driven by solar energy. International Journal of Refrigeration, 2022, 138, 244-258.	3.4	7
3	Thermodynamic and exergetic assessment of a biomass derived syngas fueled gas turbine powered trigeneration system. Case Studies in Thermal Engineering, 2022, 35, 102099.	5.7	9
4	Proposal and analysis of a novel cooling-power cogeneration system driven by the exhaust gas heat of HCCI engine fuelled by wet-ethanol. Energy, 2021, 232, 120954.	8.8	13
5	Investigation of a Novel Solar Powered Trigeneration System for Simultaneous Production of Electricity, Heating, and Refrigeration Below Freezing. Journal of Solar Energy Engineering, Transactions of the ASME, 2021, 143, .	1.8	8
6	Investigation of a Combined Refrigeration and Air Conditioning System Based on Two-Phase Ejector Driven by Exhaust Gases of Natural Gas Fueled Homogeneous Charge Compression Ignition Engine. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	4
7	Development and analysis of a novel CSP source driven cogeneration cycle for the production of electric power and low temperature refrigeration. International Journal of Refrigeration, 2021, 130, 330-346.	3.4	10
8	Utilization of Bio-Hydrogen in HCCI Engines as a Most Renewable Fuel for Sustainable Transportation â€” A Thermodynamic Analysis. , 2020, , 224-231.		0
9	Analysis and Assessment of Tower Solar Collector Driven Trigeneration System. Journal of Solar Energy Engineering, Transactions of the ASME, 2020, 142, .	1.8	16
10	Thermodynamic investigations on a novel solar powered trigeneration energy system. Energy Conversion and Management, 2019, 188, 398-413.	9.2	46
11	A Thermo-Environmental Evaluation of a Modified Combustion Gas Turbine Plant. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	6
12	Performance Analysis of a Solar-Powered Multi-Effect Refrigeration System. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	19
13	Energy and exergy analyses of a HCCI engine-based system running on hydrogen enriched wet-ethanol fuel. International Journal of Exergy, 2019, 28, 72.	0.4	10
14	Energy and exergy analyses of a solar powered multi-effect cooling cycle. International Journal of Exergy, 2018, 27, 500.	0.4	2
15	Investigation on a solar thermal power and ejector-absorption refrigeration system based on first and second law analyses. Energy, 2018, 164, 1030-1043.	8.8	24
16	Thermodynamics and emission analysis of a modified Brayton cycle subjected to air cooling and evaporative after cooling. Energy Conversion and Management, 2018, 174, 322-335.	9.2	5
17	Energetic and Exergetic Analyses of Biomass Derived Syngas for Triple Cycle Power Generation. Distributed Generation and Alternative Energy Journal, 2017, 32, 26-53.	0.8	2
18	Energetic and exergetic performance investigation of a solar based integrated system for cogeneration of power and cooling. Applied Thermal Engineering, 2017, 112, 1305-1316.	6.0	45

#	ARTICLE	IF	CITATIONS
19	Energy and Exergy Assessments of a Novel Solar Based Integrated System for Simultaneous Production of Cooling and Heating. <i>Materials Today: Proceedings</i> , 2017, 4, 10268-10272.	1.8	0
20	Energetic and exergetic evaluation of a novel solar-based cogeneration cycle for combined production of power and cooling. <i>International Journal of Exergy</i> , 2016, 21, 21.	0.4	1
21	Energetic and Exergetic Performance Evaluation of a Gas Turbine-Powered Cogeneration System Using Reverse Brayton Refrigeration Cycle for Inlet Air Cooling. <i>Journal of Energy Engineering - ASCE</i> , 2016, 142, 04015029.	1.9	5
22	Energy and exergy analyses of a hydrogen fuelled HCCI combustion engine combined with organic Rankine cycle. <i>International Journal of Exergy</i> , 2015, 17, 240.	0.4	2
23	Energy and exergy analyses of a new solar-assisted cogeneration cycle for simultaneous heating and triple effect cooling applications. <i>International Journal of Exergy</i> , 2015, 18, 275.	0.4	1
24	A theoretical study on a novel solar based integrated system for simultaneous production of cooling and heating. <i>International Journal of Refrigeration</i> , 2015, 52, 66-82.	3.4	10
25	Performance analysis of a waste-heat-powered thermodynamic cycle for multieffect refrigeration. <i>International Journal of Energy Research</i> , 2015, 39, 529-542.	4.5	7
26	Second law assessment of a syngas-fuelled triple thermodynamic cycle for sustainable power generation. <i>International Journal of Sustainable Energy</i> , 2015, 34, 373-395.	2.4	4
27	Exergy analysis of a syngas fuelled cogeneration cycle for combined production of power and refrigeration. <i>International Journal of Exergy</i> , 2014, 14, 1.	0.4	19
28	Energy and Exergy Analyses of a New Triple-Stage Refrigeration Cycle Using Solar Heat Source. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2014, 136, .	1.8	8
29	First and second law investigations of a new solar-assisted thermodynamic cycle for triple effect refrigeration. <i>International Journal of Energy Research</i> , 2014, 38, 162-173.	4.5	22
30	Energetic and exergetic analyses of a hydrogen-fuelled HCCI engine for environmentally benign operation. <i>International Journal of Sustainable Energy</i> , 2014, 33, 367-385.	2.4	6
31	Thermodynamic Assessment of Waste Heat Operated Combined Compression-Absorption Refrigeration System. , 2014, , 193-205.		0
32	Second Law Assessment of a Wet Ethanol Fuelled HCCI Engine Combined With Organic Rankine Cycle. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2012, 134, .	2.3	19
33	First and second law investigation of waste heat based combined power and ejector-absorption refrigeration cycle. <i>International Journal of Refrigeration</i> , 2012, 35, 88-97.	3.4	49
34	Energetic and exergetic performance analyses of a combined heat and power plant with absorption inlet cooling and evaporative aftercooling. <i>Energy</i> , 2011, 36, 2662-2670.	8.8	45
35	Investigation of a wet ethanol operated HCCI engine based on first and second law analyses. <i>Applied Thermal Engineering</i> , 2011, 31, 1621-1629.	6.0	48
36	Exergy analysis of gas turbine trigeneration system for combined production of power heat and refrigeration. <i>International Journal of Refrigeration</i> , 2009, 32, 534-545.	3.4	95

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37	Exergy analysis of double effect vapor absorption refrigeration system. International Journal of Energy Research, 2008, 32, 161-174.	4.5	26
38	Thermodynamic Performance Assessment of Gas Turbine Trigeneration System for Combined Heat Cold and Power Production. Journal of Engineering for Gas Turbines and Power, 2008, 130, .	1.1	14
39	Exergetic analysis of solar powered absorption refrigeration system using LiBr-H ₂ O and NH ₃ -H ₂ O as working fluids. International Journal of Exergy, 2007, 4, 1.	0.4	16
40	Finite-time heat-transfer analysis and ecological optimization of an endoreversible and regenerative gas-turbine power-cycle. Applied Energy, 2005, 81, 73-84.	10.1	22
41	Finite-time heat-transfer analysis and generalized power-optimization of an endoreversible Rankine heat-engine. Applied Energy, 2004, 79, 27-40.	10.1	21