

Abdul Khaliq

List of Publications by Year in descending order

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41
papers

669
citations

567281

15
h-index

580821

25
g-index

41
all docs

41
docs citations

41
times ranked

555
citing authors

#	ARTICLE	IF	CITATIONS
1	Exergy analysis of gas turbine trigeneration system for combined production of power heat and refrigeration. International Journal of Refrigeration, 2009, 32, 534-545.	3.4	95
2	First and second law investigation of waste heat based combined power and ejector-absorption refrigeration cycle. International Journal of Refrigeration, 2012, 35, 88-97.	3.4	49
3	Investigation of a wet ethanol operated HCCI engine based on first and second law analyses. Applied Thermal Engineering, 2011, 31, 1621-1629.	6.0	48
4	Thermodynamic investigations on a novel solar powered trigeneration energy system. Energy Conversion and Management, 2019, 188, 398-413.	9.2	46
5	Energetic and exergetic performance analyses of a combined heat and power plant with absorption inlet cooling and evaporative aftercooling. Energy, 2011, 36, 2662-2670.	8.8	45
6	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
7	Exergy analysis of double effect vapor absorption refrigeration system. International Journal of Energy Research, 2008, 32, 161-174.	4.5	26
8	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
9	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
10	First and second law investigations of a new solar-assisted thermodynamic cycle for triple effect refrigeration. International Journal of Energy Research, 2014, 38, 162-173.	4.5	22
11	Finite-time heat-transfer analysis and generalized power-optimization of an endoreversible Rankine heat-engine. Applied Energy, 2004, 79, 27-40.	10.1	21
12	Second Law Assessment of a Wet Ethanol Fuelled HCCI Engine Combined With Organic Rankine Cycle. Journal of Energy Resources Technology, Transactions of the ASME, 2012, 134, .	2.3	19
13	Exergy analysis of a syngas fuelled cogeneration cycle for combined production of power and refrigeration. International Journal of Exergy, 2014, 14, 1.	0.4	19
14	Performance Analysis of a Solar-Powered Multi-Effect Refrigeration System. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	19
15	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
16	Analysis and Assessment of Tower Solar Collector Driven Trigenation System. Journal of Solar Energy Engineering, Transactions of the ASME, 2020, 142, .	1.8	16
17	Thermodynamic Performance Assessment of Gas Turbine Trigenation System for Combined Heat Cold and Power Production. Journal of Engineering for Gas Turbines and Power, 2008, 130, .	1.1	14
18	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

#	ARTICLE	IF	CITATIONS
19	A theoretical study on a novel solar based integrated system for simultaneous production of cooling and heating. International Journal of Refrigeration, 2015, 52, 66-82.	3.4	10
20	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
21	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
22	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
23	Energy and Exergy Analyses of a New Triple-Stage Refrigeration Cycle Using Solar Heat Source. Journal of Solar Energy Engineering, Transactions of the ASME, 2014, 136, .	1.8	8
24	Investigation of a Novel Solar Powered Trigenation 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
25	Performance analysis of a waste-heat-powered thermodynamic cycle for multieffect refrigeration. International Journal of Energy Research, 2015, 39, 529-542.	4.5	7
26	Thermodynamic investigation of a novel cooling-power cogeneration system driven by solar energy. International Journal of Refrigeration, 2022, 138, 244-258.	3.4	7
27	Energetic and exergetic analyses of a hydrogen-fuelled HCCI engine for environmentally benign operation. International Journal of Sustainable Energy, 2014, 33, 367-385.	2.4	6
28	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
29	Energetic and Exergetic Performance Evaluation of a Gas Turbine-Powered Cogeneration System Using Reverse Brayton Refrigeration Cycle for Inlet Air Cooling. Journal of Energy Engineering - ASCE, 2016, 142, 04015029.	1.9	5
30	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
31	Second law assessment of a syngas-fuelled triple thermodynamic cycle for sustainable power generation. International Journal of Sustainable Energy, 2015, 34, 373-395.	2.4	4
32	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
33	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
34	Energy and exergy analyses of a hydrogen fuelled HCCI combustion engine combined with organic Rankine cycle. International Journal of Exergy, 2015, 17, 240.	0.4	2
35	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
36	Energy and exergy analyses of a solar powered multi-effect cooling cycle. International Journal of Exergy, 2018, 27, 500.	0.4	2

#	ARTICLE	IF	CITATIONS
37	Energy and exergy analyses of a new solar-assisted cogeneration cycle for simultaneous heating and triple effect cooling applications. International Journal of Exergy, 2015, 18, 275.	0.4	1
38	Energetic and exergetic evaluation of a novel solar-based cogeneration cycle for combined production of power and cooling. International Journal of Exergy, 2016, 21, 21.	0.4	1
39	Energy and Exergy Assessments of a Novel Solar Based Integrated System for Simultaneous Production of Cooling and Heating. Materials Today: Proceedings, 2017, 4, 10268-10272.	1.8	0
40	Utilization of Bio-Hydrogen in HCCI Engines as a Most Renewable Fuel for Sustainable Transportation â€“ A Thermodynamic Analysis. , 2020, , 224-231.		0
41	Thermodynamic Assessment of Waste Heat Operated Combined Compressionâ€“Absorption Refrigeration System. , 2014, , 193-205.		0