

AlÄ° KoÄ

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

503
citations

1040056

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888059

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18
all docs

18
docs citations

18
times ranked

423
citing authors

#	ARTICLE	IF	CITATIONS
1	Why Kalina (Ammonia-Water) cycle rather than steam Rankine cycle and pure ammonia cycle: A comparative and comprehensive case study for a cogeneration system. Energy Conversion and Management, 2022, 265, 115739.	9.2	31
2	Modeling of a Combined Kalina and Organic Rankine Cycle System for Waste Heat Recovery from Biogas Engine. Sustainability, 2022, 14, 7135.	3.2	1
3	Experimental study of butane adsorption on coconut based activated carbon for different gas concentrations, temperatures and relative humidities. Environmental Technology (United Kingdom), 2021, 42, 2122-2131.	2.2	9
4	Optimisation of simple and regenerative organic Rankine cycles using jacket water of an internal combustion engine fuelled with biogas produced from agricultural waste. Chemical Engineering Research and Design, 2021, 155, 17-31.	5.6	39
5	Comprehensive analysis of the effect of water injection on performance and emission parameters of the hydrogen fuelled recuperative and non-recuperative gas turbine system. International Journal of Hydrogen Energy, 2020, 45, 34254-34267.	7.1	31
6	Performance analysis of a novel organic fluid filled regenerative heat exchanger used heat recovery ventilation (OHeX-HRV) system. Sustainable Energy Technologies and Assessments, 2020, 41, 100787.	2.7	14
7	Analysing the performance, fuel cost and emission parameters of the 50MW simple and recuperative gas turbine cycles using natural gas and hydrogen as fuel. International Journal of Hydrogen Energy, 2020, 45, 22138-22147.	7.1	61
8	Exergy Analysis and Performance Improvement of a Subcritical/Supercritical Organic Rankine Cycle (ORC) for Exhaust Gas Waste Heat Recovery in a Biogas Fuelled Combined Heat and Power (CHP) Engine Through the Use of Regeneration. Energies, 2019, 12, 575.	3.1	44
9	Thermodynamic analysis of solid waste and energy consumption to reduce the effects of an electric arc furnace on the environment. International Journal of Global Warming, 2019, 19, 308.	0.5	7
10	Designing and exergetic analysis of a solar power tower system for Iskenderun region. International Journal of Exergy, 2019, 28, 96.	0.4	43
11	Designing and exergetic analysis of a solar power tower system for Iskenderun region. International Journal of Exergy, 2019, 28, 96.	0.4	1
12	Quantum Dot Solar Cells. Nevşehir Bilim Ve Teknoloji Dergisi, 2018, 7, 174-182.	0.1	4
13	Adsorption of Nitrogen Dioxide (NO2) for Different Gas Concentrations, Temperatures and Relative Humidities by using Activated Carbon Filter: An Experimental Study. International Journal of Advanced Engineering Research and Science, 2018, 5, 205-211.	0.1	10
14	Comparison of toluene and cyclohexane as a working fluid of an organic Rankine cycle used for reheat furnace waste heat recovery. International Journal of Exergy, 2016, 19, 420.	0.4	43
15	Parametric optimization and exergetic analysis comparison of subcritical and supercritical organic Rankine cycle (ORC) for biogas fuelled combined heat and power (CHP) engine exhaust gas waste heat. Energy, 2016, 111, 923-932.	8.8	150
16	DENEYSSEL BÄR ORGANÄK RANKÄNE ÄEVRÄMÄNDE YAPAY SÄNÄR AÄZLARI (YSA) YARDIMIYLA GÄEÄ TAHMÄNÄ. Konya Journal of Engineering Sciences, 2016, 4, 7-7.	0.3	12
17	ANTAKYA KÄRFEZÄ DENÄZ ÄEÄTÄE RÄEÄZGÄR ENERJÄSÄ POTANSÄYEL ARAÄZTIRILMASI. Konya Journal of Engineering Sciences, 2016, 4, 18-18.	0.5	2
18	Determination of heat transfer coefficient and electromagnetic directional analysis of pomegranate seed. International Advanced Researches and Engineering Journal, 0, , 98-104.	0.8	1