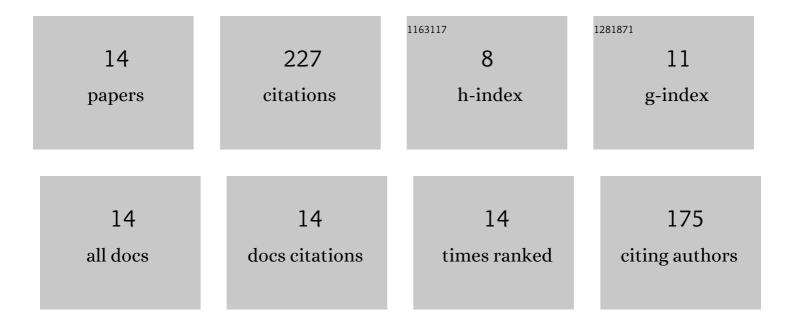
Hasan Kayhan K Kayadelen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Thermodynamic performance analysis of state of the art gas turbine cycles with inter-stage turbine reheat and steam injection. Energy, 2021, 222, 119981.	8.8	5
2	Comparative Energy and Emission Analysis of Oxy-Combustion and Conventional Air Combustion. Arabian Journal for Science and Engineering, 2021, 46, 2477-2492.	3.0	14
3	Environmental impact and cost analysis of gas turbine cycles with steam injection and inter-stage turbine reheat. International Journal of Clobal Warming, 2020, 21, 356.	0.5	0
4	Environmental impact and cost analysis of gas turbine cycles with steam injection and inter-stage turbine reheat. International Journal of Global Warming, 2020, 21, 356.	0.5	0
5	A multi-featured model for estimation of thermodynamic properties, adiabatic flame temperature and equilibrium combustion products of fuels, fuel blends, surrogates and fuel additives. Energy, 2018, 143, 241-256.	8.8	19
6	Thermoenvironomic evaluation of simple, intercooled, STIG, and ISTIG cycles. International Journal of Energy Research, 2018, 42, 3780-3802.	4.5	16
7	Thermodynamic, environmental and economic performance optimization of simple, regenerative, STIG and RSTIG gas turbine cycles. Energy, 2017, 121, 751-771.	8.8	24
8	Effect of natural gas components on its flame temperature, equilibrium combustion products and thermodynamic properties. Journal of Natural Gas Science and Engineering, 2017, 45, 456-473.	4.4	43
9	Thermoeconomic Optimization and Performance Analysis of a Regenerative Closed Brayton Cycle with Internal Irreversibilities and Pressure Losses. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2017, 41, 61-70.	1.3	7
10	Performance and environment as objectives in multi-criterion optimization of steam injected gas turbine cycles. Applied Thermal Engineering, 2014, 71, 184-196.	6.0	40
11	THERMOECONOMIC ANALYSIS OF HEAT RECOVERY STEAM GENERATORS FOR STEAM INJECTED GAS TURBINE CYCLES. , 2014, , .		1
12	Prediction of equilibrium products and thermodynamic properties in H2O injected combustion for CαHβOγNδ type fuels. Fuel, 2013, 113, 389-401.	6.4	28
13	Heat transfer effects on the performance of an air-standard irreversible dual cycle. International Journal of Vehicle Design, 2013, 63, 102.	0.3	28
14	Determination of optimum reheat pressures for single and double reheat irreversible Rankine cycle. Journal of the Energy Institute, 2011, , .	5.3	2