

# HabÄ°b GÃœerbÃœez

## List of Publications by Year in descending order

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35  
papers

484  
citations

759055

12  
h-index

752573

20  
g-index

35  
all docs

35  
docs citations

35  
times ranked

291  
citing authors

#	ARTICLE	IF	CITATIONS
1	An investigation of the melting process in a latent heat thermal energy storage system using exhaust gases of a spark ignition engine. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2023, 237, 2062-2077.	1.1	4
2	Thermal analysis and assessment of phase change material utilization for heating applications in buildings: A modelling. Journal of Energy Storage, 2022, 50, 104593.	3.9	5
3	Improvement of volume controlled thermal energy storage system using phase change material for exhaust waste heat recovery in a SI engine. Journal of Energy Storage, 2022, 53, 105107.	3.9	7
4	Concise Study of Hypersonics and Its Flow Characteristics. Advances in Mechatronics and Mechanical Engineering, 2022, , 256-282.	1.0	0
5	Effect of port injection of ethanol on engine performance, exhaust emissions and environmental factors in a dual-fuel diesel engine. Energy and Environment, 2021, 32, 784-802.	2.7	16
6	Optimization of combustion and performance parameters by intake-charge conditions in a small-scale air-cooled hydrogen fuelled SI engine suitable for use in piston-prop aircraft. Aircraft Engineering and Aerospace Technology, 2021, 93, 448-456.	0.7	11
7	Investigation on thermal degradation kinetics and mechanisms of chicken manure, lignite, and their blends by TGA. Environmental Science and Pollution Research, 2021, 28, 63894-63904.	2.7	7
8	A Theoretical Investigation on the Performance and Combustion Parameters in an Spark Ignition Engine Fueled With Different Shale Gas Mixtures. Journal of Engineering for Gas Turbines and Power, 2021, 143, .	0.5	2
9	An investigation of euro diesel-hydrogen dual-fuel combustion at different speeds in a small turbojet engine. Aircraft Engineering and Aerospace Technology, 2021, 93, 701-710.	0.7	10
10	EGZOZ GAZLARINI KULLANAN TERMAL ENERJÄ° DEPOLAMA SÄ°STEMÄ°NDE RT35 PARAFÄ°N MUMUNUN ERÄ°ME VE KATILAAZMA SÄ°CE REÄ±LERÄ°NÄ°N SAYISAL ANALÄ°ZÄ°. MÄ±4hendislik Bilimleri Ve TasarÄ±m Dergisi, 2021, 9, 520-534.	0.5	1
11	Evaluating the effects of boosting intake-air pressure on the performance and environmental-economic indicators in a hydrogen-fueled SI engine. International Journal of Hydrogen Energy, 2021, 46, 28801-28810.	3.8	38
12	The effect of euro diesel-hydrogen dual fuel combustion on performance and environmental-economic indicators in a small UAV turbojet engine. Fuel, 2021, 306, 121735.	3.4	27
13	A Comparison of Gasoline, Liquid Petroleum Gas, and Hydrogen Utilization in an Spark Ignition Engine in Terms of Environmental and Economic Indicators. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	1.4	25
14	Comparison of Artificial Neural Network and Fuzzy Logic Approaches for the Prediction of In-Cylinder Pressure in a Spark Ignition Engine. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2020, 142, .	0.9	17
15	Investigation of Dual-Fuel Combustion by Different Port Injection Fuels (Neat Ethanol and E85) in a DE95 Diesel/Ethanol Blend Fueled Compression Ignition Engine. Journal of Energy Resources Technology, Transactions of the ASME, 2020, 142, .	1.4	28
16	IMPROVEMENT OF THERMOELECTRIC GENERATOR MODEL FOR EXHAUST WASTE HEAT RECOVERY IN A SPARK IGNITION ENGINE. MÄ±4hendislik Bilimleri Ve TasarÄ±m Dergisi, 2020, 8, 582-596.	0.1	4
17	The effect of H2 purity on the combustion, performance, emissions and energy costs in an SI engine. Thermal Science, 2020, 24, 37-49.	0.5	26
18	EGZOZ ATIK ISI GERÄ° KAZANIMININ GERÄ±EKLEÄ±TÄ°RÄ°LDÄ°Ä±Ä° TERMOELEKTRÄ°K JENERATÄ±RDE FARKLI YARLÄ°LETKEN MALZEME PERFORMANSININ TEORÄ°K ANALÄ°ZÄ°. Gazi Ä°niversitesi Fen Bilimleri Dergisi, 2020, 8, 588-600.	0.2	1

#	ARTICLE	IF	CITATIONS
19	A numerical study on processes of charge and discharge of latent heat energy storage system using RT27 paraffin wax for exhaust waste heat recovery in a SI engine. International Journal of Automotive Science and Technology, 2020, 4, 314-327.	0.5	12
20	Energy and exergy analyses of a hydrogen fueled SI engine: Effect of ignition timing and compression ratio. Energy, 2019, 175, 410-422.	4.5	48
21	Environmental and enviroeconomic assessment of an LPG fueled SI engine at partial load. Journal of Environmental Management, 2019, 241, 631-636.	3.8	27
22	Improvement of safe stopping distance and accident risk coefficient based on active driver sight field on real road conditions. IET Intelligent Transport Systems, 2019, 13, 1843-1850.	1.7	13
23	Improvement of the visual warning system for various driving and road conditions in road transportation. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2018, 232, 175-187.	1.1	5
24	Experimental Study on Operating Characteristics of On-Board PEMe Hydrogen Generator Integrated with a SI Engine. Journal of Energy Engineering - ASCE, 2018, 144, 04018055.	1.0	3
25	Experimental Evaluation of Combustion Parameters with Ion-Current Sensor Integrated to Fast Response Thermocouple in SI Engine. Journal of Energy Engineering - ASCE, 2017, 143, .	1.0	14
26	Braking performance and noise in excessive worn brake discs coated with HVOF thermal spray process. Journal of Mechanical Science and Technology, 2017, 31, 535-543.	0.7	18
27	Parametrical Investigation of Heat Transfer with Fast Response Thermocouple in SI Engine. Journal of Energy Engineering - ASCE, 2016, 142, 04016014.	1.0	13
28	Experimental Study on the Effect of Concentrated Turbulence around the Spark Plug Zone in a Swirling Flow on a Hydrogen SI Engine Performance and Combustion Parameters. Journal of Energy Engineering - ASCE, 2016, 142, .	1.0	15
29	Analysis of bus air conditioning system by finite elements method (ANSYS). International Journal of Automotive Engineering and Technologies, 2016, 5, 115-124.	0.3	3
30	The prototype design and tests of vibration controlled driver warning system from the steering wheel. International Journal of Automotive Engineering and Technologies, 2016, 5, 77-84.	0.3	0
31	Experimental investigation of an improved exhaust recovery system for liquid petroleum gas fueled spark ignition engine. Thermal Science, 2015, 19, 2049-2064.	0.5	16
32	An investigation on effect of in-cylinder swirl flow on performance, combustion and cyclic variations in hydrogen fuelled spark ignition engine. Journal of the Energy Institute, 2014, 87, 1-10.	2.7	43
33	Evaluating effects of the Covid-19 pandemic period on energy consumption and enviro-economic indicators of Turkish road transportation. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-13.	1.2	14
34	Influence of COVID-19 on air pollution caused by commercial flights in Turkey. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-13.	1.2	11
35	Buji Ateşlemeli Motorun Egzoz Atık Isı Dönüşümü İçin Tasarlanan Termoelektrik Jeneratörde Optimum Egzoz Emissionlarının HAD Analizi. El-Cezeri Journal of Science and Engineering, 0, , .	0.1	0