

# HabÄ°b GÃœerbÃœez

## List of Publications by Year in descending order

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35  
papers

484  
citations

759190

12  
h-index

752679

20  
g-index

35  
all docs

35  
docs citations

35  
times ranked

291  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy and exergy analyses of a hydrogen fueled SI engine: Effect of ignition timing and compression ratio. <i>Energy</i> , 2019, 175, 410-422.	8.8	48
2	An investigation on effect of in-cylinder swirl flow on performance, combustion and cyclic variations in hydrogen fuelled spark ignition engine. <i>Journal of the Energy Institute</i> , 2014, 87, 1-10.	5.3	43
3	Evaluating the effects of boosting intake-air pressure on the performance and environmental-economic indicators in a hydrogen-fueled SI engine. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 28801-28810.	7.1	38
4	Investigation of Dual-Fuel Combustion by Different Port Injection Fuels (Neat Ethanol and E85) in a DE95 Diesel/Ethanol Blend Fueled Compression Ignition Engine. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2020, 142, .	2.3	28
5	Environmental and enviroeconomic assessment of an LPG fueled SI engine at partial load. <i>Journal of Environmental Management</i> , 2019, 241, 631-636.	7.8	27
6	The effect of euro diesel-hydrogen dual fuel combustion on performance and environmental-economic indicators in a small UAV turbojet engine. <i>Fuel</i> , 2021, 306, 121735.	6.4	27
7	The effect of H <sub>2</sub> purity on the combustion, performance, emissions and energy costs in an SI engine. <i>Thermal Science</i> , 2020, 24, 37-49.	1.1	26
8	A Comparison of Gasoline, Liquid Petroleum Gas, and Hydrogen Utilization in an Spark Ignition Engine in Terms of Environmental and Economic Indicators. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2021, 143, .	2.3	25
9	Braking performance and noise in excessive worn brake discs coated with HVOF thermal spray process. <i>Journal of Mechanical Science and Technology</i> , 2017, 31, 535-543.	1.5	18
10	Comparison of Artificial Neural Network and Fuzzy Logic Approaches for the Prediction of In-Cylinder Pressure in a Spark Ignition Engine. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2020, 142, .	1.6	17
11	Effect of port injection of ethanol on engine performance, exhaust emissions and environmental factors in a dual-fuel diesel engine. <i>Energy and Environment</i> , 2021, 32, 784-802.	4.6	16
12	Experimental investigation of an improved exhaust recovery system for liquid petroleum gas fueled spark ignition engine. <i>Thermal Science</i> , 2015, 19, 2049-2064.	1.1	16
13	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. <i>Journal of Energy Engineering - ASCE</i> , 2016, 142, .	1.9	15
14	Experimental Evaluation of Combustion Parameters with Ion-Current Sensor Integrated to Fast Response Thermocouple in SI Engine. <i>Journal of Energy Engineering - ASCE</i> , 2017, 143, .	1.9	14
15	Evaluating effects of the Covid-19 pandemic period on energy consumption and enviro-economic indicators of Turkish road transportation. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-13.	2.3	14
16	Parametrical Investigation of Heat Transfer with Fast Response Thermocouple in SI Engine. <i>Journal of Energy Engineering - ASCE</i> , 2016, 142, 04016014.	1.9	13
17	Improvement of safe stopping distance and accident risk coefficient based on active driver sight field on real road conditions. <i>IET Intelligent Transport Systems</i> , 2019, 13, 1843-1850.	3.0	13
18	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. <i>International Journal of Automotive Science and Technology</i> , 2020, 4, 314-327.	1.0	12

#	ARTICLE	IF	CITATIONS
19	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.	1.2	11
20	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.	2.3	11
21	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.	1.2	10
22	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.	5.3	7
23	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.	8.1	7
24	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.	1.9	5
25	Thermal analysis and assessment of phase change material utilization for heating applications in buildings: A modelling. Journal of Energy Storage, 2022, 50, 104593.	8.1	5
26	IMPROVEMENT OF THERMOELECTRIC GENERATOR MODEL FOR EXHAUST WASTE HEAT RECOVERY IN A SPARK IGNITION ENGINE. MÄ¼hendislik Bilimleri Ve TasarÄ±m Dergisi, 2020, 8, 582-596.	0.3	4
27	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.	1.9	4
28	Experimental Study on Operating Characteristics of On-Board PEMe Hydrogen Generator Integrated with a SI Engine. Journal of Energy Engineering - ASCE, 2018, 144, 04018055.	1.9	3
29	Analysis of bus air conditioning system by finite elements method (ANSYS). International Journal of Automotive Engineering and Technologies, 2016, 5, 115-124.	0.5	3
30	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, .	1.1	2
31	EGZOZ GAZLARINI KULLANAN TERMAL ENERJÄ° DEPOLAMA SÄ°STEMÄ°NDE RT35 PARAFÄ°N MUMUNUN ERÄ°ME VE KATILAAžMA SÄ°REÄ±LERÄ°NÄ°N SAYISAL ANALÄ°ZÄ°. MÄ¼hendislik Bilimleri Ve TasarÄ±m Dergisi, 2021, 9, 520-534.	0.3	1
32	EGZOZ ATIK ISI GERÄ° KAZANIMININ GERÄ±EKLEÄ±TÄ°RÄ°LDÄ°ÄžÄ° TERMOELEKTRÄ°K JENERATÄ°RDE FARKLI YARILÄ°LETKEN MALZEME PERFORMANSININ TEORÄ°K ANALÄ°ZÄ°. Gazi Ä°niversitesi Fen Bilimleri Dergisi, 2020, 8, 588-600.	0.6	1
33	Buji Ateşlemeli Motorun Egzoz AtÄ±k IsÄ± DÄ±nÄ¼Ä¼Ä¼mÄ¼ Ä°Ä°Sin Tasarlanan Termoelektrik JeneratÄ±rde Optimum Egzoz EÄ±yanjÄ±rÄ¼ DÄ¼zenlemesinin HAD Analizi. El-Cezeri Journal of Science and Engineering, 0, , .	0.1	0
34	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.	0.5	0
35	Concise Study of Hypersonics and Its Flow Characteristics. Advances in Mechatronics and Mechanical Engineering, 2022, , 256-282.	1.0	0