

Habib Grbz

List of Publications by Citations

Source: <https://exaly.com/author-pdf/75457/habib-gurbuz-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

229
citations

10
h-index

13
g-index

35
ext. papers

357
ext. citations

2.6
avg, IF

4.55
L-index

#	Paper	IF	Citations
31	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	5.7	32
30	Energy and exergy analyses of a hydrogen fueled SI engine: Effect of ignition timing and compression ratio. <i>Energy</i> , 2019 , 175, 410-422	7.9	25
29	Environmental and enviroeconomic assessment of an LPG fueled SI engine at partial load. <i>Journal of Environmental Management</i> , 2019 , 241, 631-636	7.9	17
28	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,	2.6	15
27	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,	2.6	15
26	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, 04016046	1.7	13
25	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	1.6	13
24	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	10
23	Experimental investigation of an improved exhaust recovery system for liquid petroleum gas fueled spark ignition engine. <i>Thermal Science</i> , 2015 , 19, 2049-2064	1.2	10
22	The effect of H ₂ purity on the combustion, performance, emissions and energy costs in an SI engine. <i>Thermal Science</i> , 2020 , 24, 37-49	1.2	10
21	Parametrical Investigation of Heat Transfer with Fast Response Thermocouple in SI Engine. <i>Journal of Energy Engineering - ASCE</i> , 2016 , 142, 04016014	1.7	9
20	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	2.4	9
19	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, 04015031	1.7	8
18	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	2.4	6
17	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> , 1-13	1.6	5
16	An investigation of euro diesel-hydrogen dual-fuel combustion at different speeds in a small turbojet engine. <i>Aircraft Engineering and Aerospace Technology</i> , 2021 , 93, 701-710	1.2	5
15	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	6.7	5

14	Improvement of the visual warning system for various driving and road conditions in road transportation. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2018 , 232, 175-187	1.4	4
13	Investigation on thermal degradation kinetics and mechanisms of chicken manure, lignite, and their blends by TGA. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 63894-63904	5.1	3
12	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	7.1	3
11	Analysis of bus air conditioning system by finite elements method (ANSYS). <i>International Journal of Automotive Engineering and Technologies</i> , 2016 , 5, 115-124	0.4	2
10	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> ,	0.8	2
9	BUJUTATEMELEBR MOTORDA EGZOZ ATIK ISI GERKAZANIMI NI TERMoeLEKTRİK JENERATOR MODELİNİN GELİTİRİLMESİ <i>Mhendislik Bilimleri Ve Tasarım Dergisi</i> , 2020 , 8, 582-596	0.2	2
8	Influence of COVID-19 on air pollution caused by commercial flights in Turkey. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> ,1-13	1.6	2
7	Experimental Study on Operating Characteristics of On-Board PEMe Hydrogen Generator Integrated with a SI Engine. <i>Journal of Energy Engineering - ASCE</i> , 2018 , 144, 04018055	1.7	2
6	EGZOZ GAZLARINI KULLANAN TERMAL ENERJİDEPOLAMA SİSTEMİNDE RT35 PARAFİN MUMUNUN ERİME VE KATILAMA SREĞERİNİN SAYISAL ANALİZİ <i>Mhendislik Bilimleri Ve Tasarım Dergisi</i> , 2021 , 9, 520-534	0.2	1
5	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. <i>Aircraft Engineering and Aerospace Technology</i> , 2021 , 93, 448-456	1.2	1
4	An investigation of the melting process in a latent heat thermal energy storage system using exhaust gases of a spark ignition engine. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> ,095440702211009	1.4	0
3	The prototype design and tests of vibration controlled driver warning system from the steering wheel. <i>International Journal of Automotive Engineering and Technologies</i> , 2016 , 5, 77-84	0.4	
2	Thermal analysis and assessment of phase change material utilization for heating applications in buildings: A modelling. <i>Journal of Energy Storage</i> , 2022 , 50, 104593	7.8	
1	Concise Study of Hypersonics and Its Flow Characteristics. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2022 , 256-282	0.5	