

Ã-mer Cihan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1486833/publications.pdf>

Version: 2024-02-01

15
papers

152
citations

1307594

7
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical and experimental investigation of the effect of biodiesel/diesel fuel on combustion characteristics in CI engine. <i>Fuel</i> , 2020, 270, 117523.	6.4	34
2	Evaluation of heat release and combustion analysis in spark ignition Wankel and reciprocating engine. <i>Fuel</i> , 2020, 261, 116479.	6.4	27
3	Analysis of different combustion chamber geometries using hydrogen / diesel fuel in a diesel engine. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2021, 43, 17-34.	2.3	22
4	Experimental and numerical investigation of the effect of fig seed oil methyl ester biodiesel blends on combustion characteristics and performance in a diesel engine. <i>Energy Reports</i> , 2021, 7, 5846-5856.	5.1	19
5	Investigation of the effect of rare earth doped La2Zr2O7 based thermal barrier coating on performance and combustion characteristics of DI diesel engine. <i>Surface and Coatings Technology</i> , 2020, 403, 126437.	4.8	14
6	Investigation of Parameters Affecting Rotary Engine by Means of a One Zone Thermodynamic Model. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2022, 144, .	2.3	10
7	Fatigue Life and Stress Analysis of the Crankshaft of a Single Cylinder Diesel Engine under Variable Forces and Speeds. <i>Materialpruefung/Materials Testing</i> , 2021, 63, 770-777.	2.2	8
8	Effect of Leading and Trailing Spark Plugs on Combustion, Fuel Consumption and Exhaust Emission in a Wankel Engine. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 7471-7482.	3.0	7
9	Stress analysis of a Wankel engine eccentric shaft under varied thermal conditions. <i>Materialpruefung/Materials Testing</i> , 2019, 61, 1157-1164.	2.2	3
10	A numerical approach in the investigation of the effects of diethyl ether and ethanol mixtures on combustion characteristics and NO emissions in a DI diesel engine. <i>European Mechanical Science</i> , 2022, 6, 110-118.	0.9	3
11	Bir Wankel Motorunda Farkli Ateleme Avanslarının Performans ve Emisyonlar Açzerinde Etkisi. <i>Konya Journal of Engineering Sciences</i> , 2020, 8, 291-299.	0.3	2
12	A Comparative Fatigue Analysis of GFRP, CFRP and Structural Steel for Connecting Rod Using ANSYS. <i>International Polymer Processing</i> , 2021, 36, 144-155.	0.5	1
13	Tek rotorlu bir wankel motorunda farkli emme penceresi geometrilerinin performans ve emisyonlara etkisi. <i>Journal of the Faculty of Engineering and Architecture of Gazi University</i> , 2018, 2018, .	0.8	1
14	Modelling A Single-Rotor Wankel Engine Performance With Artificial Neural Network At Middle Speed Range. <i>International Journal of Automotive Science and Technology</i> , 2020, 4, 155-163.	1.0	1
15	A novel design and structural analysis of spring landing gear for unmanned air vehicles. <i>Hittite Journal of Science & Engineering</i> , 0, , .	0.5	0