

# Erdi Tosun

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

612  
citations

759233

12  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

614  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen enrichment effects on performance and emission characteristics of a diesel engine operated with diesel-soybean biodiesel blends with nanoparticle addition. <i>Engineering Science and Technology, an International Journal</i> , 2021, 24, 648-654.	3.2	26
2	Variation of spark plug type and spark gap with hydrogen and methanol added gasoline fuel: Performance characteristics. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 26513-26521.	7.1	10
3	Artificial intelligence techniques for the vibration, noise, and emission characteristics of a hydrogen-enriched diesel engine. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, 41, 2194-2206.	2.3	33
4	Investigations of Effects of Density and Viscosity of Diesel and Biodiesel Fuels on NOx and other Emission Formations. <i>Academic Platform Journal of Engineering and Science</i> , 2018, 6, 81-85.	0.6	9
5	Experimental and artificial neural network approach of noise and vibration characteristic of an unmodified diesel engine fuelled with conventional diesel, and biodiesel blends with natural gas addition. <i>Fuel</i> , 2017, 197, 159-173.	6.4	75
6	Evaluation of vibration characteristics of a hydroxyl (HHO) gas generator installed diesel engine fuelled with different diesel-biodiesel blends. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 23352-23360.	7.1	67
7	Estimation of crack propagation in polymer electrolyte membrane fuel cell under vibration conditions. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 23347-23351.	7.1	13
8	Prediction of density and kinematic viscosity of biodiesel by artificial neural networks. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 985-991.	2.3	20
9	Comparative analysis of various modelling techniques for emission prediction of diesel engine fueled by diesel fuel with nanoparticle additives. <i>European Mechanical Science</i> , 2017, 1, 15-23.	0.9	21
10	Failure load prediction of single lap adhesive joints using artificial neural networks. <i>AEJ - Alexandria Engineering Journal</i> , 2016, 55, 1341-1346.	6.4	31
11	Comparison of linear regression and artificial neural network model of a diesel engine fueled with biodiesel-alcohol mixtures. <i>AEJ - Alexandria Engineering Journal</i> , 2016, 55, 3081-3089.	6.4	112
12	Experimental and regression analysis of noise and vibration of a compression ignition engine fuelled with various biodiesels. <i>Fuel</i> , 2016, 177, 326-333.	6.4	79
13	Diesel engine emissions and performance from blends of citrus sinensis biodiesel and diesel fuel. <i>Fuel</i> , 2014, 132, 7-11.	6.4	78
14	Determination of effects of various alcohol additions into peanut methyl ester on performance and emission characteristics of a compression ignition engine. <i>Fuel</i> , 2014, 126, 38-43.	6.4	38
15	A Review on Biodiesel: From Feedstock to Utilization in Internal Combustion Engines. <i>Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi</i> , 0, , .	0.6	0