

# Bhupendra Singh Chauhan

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,657  
citations

623734

14  
h-index

580821

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1213  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trend and time series analysis by ARIMA model to predict the emissions and performance characteristics of biogas fueled compression ignition engine. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2023, 45, 4293-4304.	2.3	14
2	Separate effect of biodiesel, n-butanol, and biogas on performance and emission characteristics of diesel engine: a review. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 447-469.	4.6	15
3	Experimental Investigation of Multiple Fry Waste Soya Bean Oil in an Agricultural CI Engine. <i>Energies</i> , 2022, 15, 3209.	3.1	9
4	Influence of variation of injection angle on the combustion, performance and emissions characteristics of Jatropha Ethyl Ester. <i>Energy</i> , 2022, 254, 124436.	8.8	9
5	Combined impact of varying biogas mass flow rate and rice bran methyl esters blended with diesel on a dual-fuel engine. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2021, 43, 120-132.	2.3	21
6	Numerical analysis of inclined jet impingement heat transfer in microchannel. <i>Materials Today: Proceedings</i> , 2021, 43, 557-563.	1.8	5
7	ANN Prediction of Performance and Emissions of CI Engine Using Biogas Flow Variation. <i>Energies</i> , 2021, 14, 2910.	3.1	19
8	Effect on CI Engine Piston by Waste Cooking Oil Biodiesel. <i>Journal of Engineering Research</i> , 2021, , .	0.7	2
9	Effect of varying biogas mass flow rate on performance and emission characteristics of a diesel engine fuelled with blends of n-butanol and diesel. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 140, 2817-2830.	3.6	24
10	Multi-objective optimization of performance and emissions characteristics of a variable compression ratio diesel engine running with biogas-diesel fuel using response surface techniques. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, , 1-18.	2.3	14
11	Effect of compression ratio on combustion, performance, and emission characteristics of compression ignition engine fueled with palm (B20) biodiesel blend. <i>Energy</i> , 2019, 178, 676-684.	8.8	96
12	Performance and emission characteristics of diesel engine fueled with rice bran biodiesel and n-butanol. <i>Energy Reports</i> , 2019, 5, 78-83.	5.1	145
13	Influence of EGR on the simultaneous reduction of NO <sub>x</sub> -smoke emissions trade-off under CNG-biodiesel dual fuel engine. <i>Energy</i> , 2018, 152, 303-312.	8.8	91
14	Computational Analysis of Liquid Jet Impingement Micro-channel Cooling. <i>Materials Today: Proceedings</i> , 2018, 5, 27877-27883.	1.8	7
15	Properties and characteristics of various materials used as biofuels: A review. <i>Materials Today: Proceedings</i> , 2018, 5, 28438-28445.	1.8	20
16	Practice of diesel fuel blends using alternative fuels: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 59, 1358-1368.	16.4	78
17	A study on the performance and emission of a diesel engine fueled with Karanja biodiesel and its blends. <i>Energy</i> , 2013, 56, 1-7.	8.8	230
18	Study of a Wave Absorber in Various Distance Placed in a Sinusoidal Propagate Wave. <i>Applied Mechanics and Materials</i> , 2013, 302, 326-331.	0.2	6

#	ARTICLE	IF	CITATIONS
19	A Study on the Performance and Emission Characteristics of a Diesel Engine Fuelled With Linseed Oil and Diesel Blends. , 2013, , .		3
20	EMISSION ANALYSIS OF A MEDIUM CAPACITY DIESEL ENGINE USING MAHUA OIL BIODIESEL. Journal of Energy Engineering, 2013, 22, 136-140.	0.2	7
21	A study on the performance and emission of a diesel engine fueled with Jatropha biodiesel oil and its blends. Energy, 2012, 37, 616-622.	8.8	438
22	Experimental studies on fumigation of ethanol in a small capacity Diesel engine. Energy, 2011, 36, 1030-1038.	8.8	114
23	The Performance and Emissions Analysis of a Multi Cylinder Spark Ignition Engine with Gasoline LPG & CNG. Journal of the Korean Institute of Gas, 2011, 15, 33-38.	0.1	2
24	Performance and emission studies on an agriculture engine on neat Jatropha oil. Journal of Mechanical Science and Technology, 2010, 24, 529-535.	1.5	57
25	Performance and emission study of preheated Jatropha oil on medium capacity diesel engine. Energy, 2010, 35, 2484-2492.	8.8	205
26	A Study on Experiment of CNG as a Clean Fuel for Automobiles in Korea. Journal of Korean Society for Atmospheric Environment, 2010, 26, 469-474.	1.1	3
27	Physico Chemical Analysis of Linseed Oil and its Blends as a Potential Fuel for Diesel Engine. Advanced Materials Research, 0, 724-725, 405-408.	0.3	2
28	Effects of ternary fuel blends (diesel-biodiesel-<i>n</i>-butanol) on emission and performance characteristics of diesel engine using varying mass flow rates of biogas. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-14.	2.3	21