

# Hardikk Valera

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7944986/publications.pdf>

Version: 2024-02-01

21  
papers

137  
citations

1477746

6  
h-index

1372195

10  
g-index

22  
all docs

22  
docs citations

22  
times ranked

58  
citing authors

#	ARTICLE	IF	CITATIONS
1	Methanol as an Alternative Fuel for Diesel Engines. <i>Energy, Environment, and Sustainability</i> , 2019, , 9-33.	0.6	31
2	Simulations of methanol fueled locomotive engine using high pressure co-axial direct injection system. <i>Fuel</i> , 2021, 295, 120231.	3.4	13
3	Future Automotive Powertrains for India: Methanol Versus Electric Vehicles. <i>Energy, Environment, and Sustainability</i> , 2020, , 89-123.	0.6	13
4	Di-ethyl ether-diesel blends fuelled off-road tractor engine: Part-II: Unregulated and particulate emission characteristics. <i>Fuel</i> , 2022, 308, 121973.	3.4	12
5	Prospects of Methanol-Fuelled Carburetted Two Wheelers in Developing Countries. <i>Energy, Environment, and Sustainability</i> , 2020, , 53-73.	0.6	11
6	Evaluating the effect of variable methanol injection timings in a novel co-axial fuel injection system equipped locomotive engine. <i>Journal of Cleaner Production</i> , 2022, 349, 131452.	4.6	10
7	Numerical Predictions of In-Cylinder Phenomenon in Methanol Fueled Locomotive Engine Using High Pressure Direct Injection Technique. , 0, , .		7
8	Modelling Aspects for Adaptation of Alternative Fuels in IC Engines. <i>Energy, Environment, and Sustainability</i> , 2020, , 9-26.	0.6	7
9	Operational Parameters of a Diesel Engine Running on Dieselâ€“Rapeseed Oilâ€“Methanolâ€“Iso-Butanol Blends. <i>Energies</i> , 2021, 14, 6173.	1.6	6
10	Safety Aspects of Methanol as Fuel. <i>Energy, Environment, and Sustainability</i> , 2021, , 117-138.	0.6	5
11	Introduction of Methanol: A Sustainable Transport Fuel for SI Engines. <i>Energy, Environment, and Sustainability</i> , 2021, , 3-7.	0.6	5
12	Feasibility study of novel DME fuel injection equipment: Part 2- performance, combustion, regulated and unregulated emissions. <i>Fuel</i> , 2022, 323, 124338.	3.4	4
13	Feasibility Assessment of Methanol Fueling in Two-Wheeler Engine Using 1-D Simulations. , 0, , .		3
14	Role of Diesel Particulate Filter to Meet Bharat Stage-VI Emission Norms in India. <i>Energy, Environment, and Sustainability</i> , 2020, , 215-228.	0.6	3
15	Regulated and Unregulated Emissions from Methanolâ€“Fuelled Engines. <i>Energy, Environment, and Sustainability</i> , 2021, , 161-189.	0.6	2
16	Introduction of Greener and Scalable E-Fuels for Decarbonization of Transport. <i>Energy, Environment, and Sustainability</i> , 2022, , 3-8.	0.6	2
17	Technology Options for Methanol Utilization in Large Bore Diesel Engines ofâ€“Railroad Sector. <i>Energy, Environment, and Sustainability</i> , 2021, , 11-37.	0.6	1
18	Evolution of Catalytic Converters for Spark Ignition Engines to Control Emissions. <i>Energy, Environment, and Sustainability</i> , 2021, , 175-196.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Introduction of Potential and Challenges of Low Carbon Fuels for Sustainable Transport. Energy, Environment, and Sustainability, 2022, , 3-6.	0.6	1
20	Introduction of Methanol: A Sustainable Transport Fuel for CI Engines. Energy, Environment, and Sustainability, 2021, , 3-7.	0.6	0
21	Combustion Characteristics of Methanol Fuelled Compression Ignition Engines. Energy, Environment, and Sustainability, 2021, , 173-189.	0.6	0