

# Vinh Nguyen Duy

## List of Publications by Year in descending order

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33  
papers

451  
citations

840776

11  
h-index

752698

20  
g-index

34  
all docs

34  
docs citations

34  
times ranked

429  
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental investigation on Performance of Converted CNG Engine by Varying Piston Bowl Geometry: A Case Study. Journal of the Air and Waste Management Association, 2022, , .	1.9	2
2	Experimental study on the effects of ethanol blends on the combustion process, power performance and emission reduction of a motorcycle spark-ignition engine. International Journal of Ambient Energy, 2022, 43, 7150-7160.	2.5	1
3	Influence of ethanol-gasoline blended fuel on performance and emission characteristics of the test motorcycle engine. Journal of the Air and Waste Management Association, 2022, 72, 895-904.	1.9	2
4	Developing neural networks-based prediction model of real-time fuel consumption rate for motorcycles: A case study in Vietnam. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 3164-3177.	2.3	2
5	A robust method for collecting and processing the on-road instantaneous data of fuel consumption and speed for motorcycles. Journal of the Air and Waste Management Association, 2021, 71, 81-101.	1.9	7
6	A study on emission and fuel consumption of motorcycles in idle mode and the impacts on air quality in Hanoi, Vietnam. International Journal of Urban Sciences, 2021, 25, 522-541.	2.8	9
7	The effects of dimethyl ether enriched air (DMEA) on exhaust pollutants and performance characteristics of an old generation diesel engine. International Journal of Sustainable Engineering, 2021, 14, 1143-1156.	3.5	5
8	Real-time driving cycle measurements of fuel consumption and pollutant emissions of a bi-fuel LPG-gasoline motorcycle. Energy Conversion and Management: X, 2021, 12, 100135.	1.6	3
9	A Study of the Movement, Structural Stability, and Electrical Performance for Harvesting Ocean Kinetic Energy Based on IPMC Material. Processes, 2020, 8, 641.	2.8	7
10	Engine performance and combustion characteristics of a direct injection compression ignition engine fueled waste cooking oil synthetic diesel. International Journal of Coal Science and Technology, 2020, 7, 560-570.	6.0	6
11	Engine Performance Characteristics of a Compression Ignition Engine Fuelled by Traditional Diesel and Waste Cooking Oil. IOP Conference Series: Materials Science and Engineering, 2020, 739, 012011.	0.6	0
12	Utilization of Waste Cooking Oil via Recycling as Biofuel for Diesel Engines. Recycling, 2020, 5, 13.	5.0	0
13	Implementation of fuel additive MAZ 100 for performance enhancement of compressed natural gas engine converted from in-used gasoline engine. Journal of the Air and Waste Management Association, 2020, 70, 932-943.	1.9	7
14	Study on performance enhancement and emission reduction of used carburetor motorcycles fueled by flex-fuel gasoline-ethanol blends. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2020, 43, 477-488.	1.1	10
15	Experimental study on characteristics of the test engine fueled by biodiesel based Jatropha oil and traditional diesel. AIMS Energy, 2020, 8, 1143-1155.	1.9	2
16	Performance and emission characteristics of a port fuel injected, spark ignition engine fueled by compressed natural gas. Sustainable Energy Technologies and Assessments, 2019, 31, 383-389.	2.7	35
17	Experimental study on improving performance and emission characteristics of used motorcycle fueled with ethanol by exhaust gas heating transfer system. Energy for Sustainable Development, 2019, 51, 56-62.	4.5	17
18	Effects of injection timing and injection pressure on performance and exhaust emissions of a common rail diesel engine fueled by various concentrations of fish-oil biodiesel blends. Energy, 2018, 149, 979-989.	8.8	106

#	ARTICLE	IF	CITATIONS
19	Study on performance enhancement and emission reduction of used fuel-injected motorcycles using bi-fuel gasoline-LPG. <i>Energy for Sustainable Development</i> , 2018, 43, 60-67.	4.5	32
20	Performance enhancement and emission reduction of used motorcycles using flexible fuel technology. <i>Journal of the Energy Institute</i> , 2018, 91, 145-152.	5.3	26
21	A Study of Operating Characteristics of Old-Generation Diesel Engines Retrofitted with Turbochargers. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 4443-4452.	3.0	13
22	Experimental Investigation on Establishing the HCCI Process Fueled by N-Heptane in a Direct Injection Diesel Engine at Different Compression Ratios. <i>Sustainability</i> , 2018, 10, 3878.	3.2	10
23	Numerical Analysis of the Forces on the Components of a Direct Diesel Engine. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 761.	2.5	8
24	A numerical study of a liquid drop solidifying on a vertical cold wall. <i>International Journal of Heat and Mass Transfer</i> , 2018, 127, 302-312.	4.8	16
25	Electrochemical Promotional Role of Under-Rib Convection-Based Flow-Field in Polymer Electrolyte Membrane Fuel Cells. , 2017, , 241-310.		1
26	Ocean-based electricity generating system utilizing the electrochemical conversion of wave energy by ionic polymer-metal composites. <i>Electrochemistry Communications</i> , 2017, 75, 64-68.	4.7	23
27	Effect of gravity and gas flow direction on the operation of Polymer Electrolyte Membrane Fuel Cells. <i>International Journal of Electrochemical Science</i> , 2017, , 11833-11854.	1.3	5
28	Comparison of Numerical and Experimental Studies for Flow-Field Optimization Based on Under-Rib Convection in Polymer Electrolyte Membrane Fuel Cells. <i>Energies</i> , 2016, 9, 844.	3.1	18
29	Electrospinning Fabrication and Performance Evaluation of Polyacrylonitrile Nanofiber for Air Filter Applications. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 235.	2.5	26
30	Dynamic simulations of under-rib convection-driven flow-field configurations and comparison with experiment in polymer electrolyte membrane fuel cells. <i>Journal of Power Sources</i> , 2015, 293, 447-457.	7.8	32
31	Improving Performance and Reducing Pollution Emissions of a Carburetor Gasoline Engine by Adding HHO Gas into the Intake Manifold. , 2013, , .		16
32	Enhancement of PEM Fuel Cell Performance by Flow Control. <i>Materials Science Forum</i> , 0, 804, 75-78.	0.3	3
33	Numerical analysis of the forces on the components of the V-12 engine type retrofitted in transportation vehicle. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-17.	2.3	0