

# Hubert Kuszewski

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

447  
citations

759190

12  
h-index

752679

20  
g-index

31  
all docs

31  
docs citations

31  
times ranked

348  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Experimental investigation of the autoignition properties of ethanolâ€“biodiesel fuel blends. Fuel, 2019, 235, 1301-1308.   | 6.4 | 54        |
| 2  | Use of the constant volume combustion chamber to examine the properties of autoignition and derived cetane number of mixtures of diesel fuel and ethanol. Fuel, 2017, 200, 564-575.                                       | 6.4 | 41        |
| 3  | â€“Experimental investigation of the effect of ambient gas temperature on the autoignition properties of ethanolâ€“diesel fuel blendsâ€™. Fuel, 2018, 214, 26-38.   | 6.4 | 34        |
| 4  | Experimental study of the autoignition properties of n-butanolâ€“diesel fuel blends at various ambient gas temperatures. Fuel, 2019, 235, 1316-1326.  | 6.4 | 31        |
| 5  | Lubricity of ethanolâ€“diesel blends â€“ Study with the HFRR method. Fuel, 2017, 208, 491-498.  | 6.4 | 30        |
| 6  | The Development of CO2 Instantaneous Emission Model of Full Hybrid Vehicle with the Use of Machine Learning Techniques. Energies, 2022, 15, 142.  | 3.1 | 30        |
| 7  | Effect of adding 2-ethylhexyl nitrate cetane improver on the autoignition properties of ethanolâ€“diesel fuel blend â€“ Investigation at various ambient gas temperatures. Fuel, 2018, 224, 57-67.                        | 6.4 | 28        |
| 8  | Analysis of the repeatability of the exhaust pollutants emission research results for cold and hot starts under controlled driving cycle conditions. Environmental Science and Pollution Research, 2018, 25, 17862-17877. | 5.3 | 27        |
| 9  | Assessing Vehicle Emissions from a Multi-Lane to Turbo Roundabout Conversion Using a Microsimulation Tool. Energies, 2021, 14, 4399.  | 3.1 | 23        |
| 10 | Physical and Chemical Properties of 1-Butanolâ€“Diesel Fuel Blends. Energy & Fuels, 2018, 32, 11619-11631.  | 5.1 | 18        |
| 11 | Influence of Rapeseed Oil Ester Additives on Fuel Quality Index for Air Jet Engines. Chemistry and Technology of Fuels and Oils, 2017, 53, 308-317.   | 0.5 | 15        |
| 12 | Analysis of Cold Start Emission from Light Duty Vehicles Fueled with Gasoline and LPG for Selected Ambient Temperatures. , 0, , .   |     | 13        |
| 13 | Sustainable Public Transport Strategiesâ€”Decomposition of the Bus Fleet and Its Influence on the Decrease in Greenhouse Gas Emissions. Energies, 2022, 15, 2238.   | 3.1 | 13        |
| 14 | Effect of temperature on tribological properties of 1-butanolâ€“diesel fuel blends â€“ Preliminary experimental study using the HFRR method. Fuel, 2021, 296, 120700.   | 6.4 | 12        |
| 15 | Effect of Injection Pressure and Airâ€“Fuel Ratio on the Self-Ignition Properties of 1-Butanolâ€“Diesel Fuel Blends: Study Using a Constant-Volume Combustion Chamber. Energy & Fuels, 2019, 33, 2335-2347.               | 5.1 | 10        |
| 16 | Physical-Chemical Properties of Jet Fuel Blends with Components Derived from Rape Oil. Chemistry and Chemical Technology, 2016, 10, 485-492.  | 1.1 | 10        |
| 17 | Evaluation of the Effect of Chassis Dynamometer Load Setting on CO2 Emissions and Energy Demand of a Full Hybrid Vehicle. Energies, 2022, 15, 122.  | 3.1 | 10        |
| 18 | Design of Affordable Multi-Cylinder Variable Compression Ratio (VCR) Engine for Advanced Combustion Research Purposes. , 0, , .   |     | 9         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | The Impact of Driving Resistances on the Emission of Exhaust Pollutants from Vehicles with the Spark Ignition Engine Fuelled with Petrol and LPG. , 0, , .                                |     | 9         |
| 20 | Antiwear Properties of Plantâ€™Mineral-Based Fuels for Airbreathing Jet Engines. Chemistry and Technology of Fuels and Oils, 2017, 53, 1-9.   | 0.5 | 7         |
| 21 | Lubricity of Ethanolâ€™Diesel Fuel Blendsâ€™Study with the Four-Ball Machine Method. Materials, 2021, 14, 2492.   | 2.9 | 6         |
| 22 | Experimental investigations of a new type of fuelling system for heavy-duty diesel engines. International Journal of Heavy Vehicle Systems, 2009, 16, 61.                                 | 0.2 | 4         |
| 23 | IMPROVEMENT OF TECHNOLOGICAL SCHEME OF FATTY ACIDS ETHYL ESTERS PRODUCTION FOR USE AS JET FUELS BIOCOMPONENTS. Theoretical & Applied Science, 2014, 19, 44-50.                            | 0.0 | 4         |
| 24 | An assessment of consistence of exhaust gas emission test results obtained under controlled NEDC conditions. IOP Conference Series: Materials Science and Engineering, 2016, 148, 012059. | 0.6 | 3         |
| 25 | The Effect of Injection Timing on the Environmental Performances of the Engine Fueled by LPG in the Liquid Phase. , 0, , .  |     | 2         |
| 26 | Experimental study on antiwear properties for blends of jet fuel with bio-components derived from rapeseed oil. Eastern-European Journal of Enterprise Technologies, 2015, 5, 20.         | 0.5 | 2         |
| 27 | The study on injection parameters of selected alternative fuels used in diesel engines. IOP Conference Series: Materials Science and Engineering, 2016, 148, 012070.                      | 0.6 | 1         |
| 28 | EXPERIMENTAL STUDY ON ANTIWEAR PROPERTIES FOR BLENDS OF JET FUEL WITH BIO-COMPONENTS DERIVED FROM RAPESEED OIL. Transactions of the Institute of Aviation, 2016, 245, 352-365.            | 0.7 | 1         |
| 29 | Experimental Study of Spray Generated by a New Type of Injector with Rotary Swinging Needle. , 2010, , .  |     | 0         |
| 30 | Development of alternative jet fuels modified with camelina oil bio-additives. , 2019, , 112-125.   |     | 0         |
| 31 | Anti-wear Properties of Jet Fuel with Camelina Oils Bio-Additives. Lecture Notes in Intelligent Transportation and Infrastructure, 2020, , 601-609.                                       | 0.5 | 0         |