

# RafaÅ, Longwic

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

250  
citations

1307594

7  
h-index

996975

15  
g-index

25  
all docs

25  
docs citations

25  
times ranked

198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of cycle-to-cycle pressure oscillations in a diesel engine. Mechanical Systems and Signal Processing, 2008, 22, 362-373.	8.0	105
2	Adhesion of canola and diesel oils to some parts of diesel engine in the light of surface tension components and parameters of these substrates. International Journal of Adhesion and Adhesives, 2015, 60, 23-30.	2.9	19
3	Surface, Volumetric, and Wetting Properties of Oleic, Linoleic, and Linolenic Acids with Regards to Application of Canola Oil in Diesel Engines. Applied Sciences (Switzerland), 2019, 9, 3445.	2.5	16
4	Analysis of repeatability of Diesel engine acceleration. Applied Thermal Engineering, 2009, 29, 3574-3578.	6.0	14
5	Research on Physico-Chemical Properties of Diethyl Ether/Linseed Oil Blends for the Use as Fuel in Diesel Engines. Energies, 2020, 13, 6564.	3.1	14
6	Recurrence Plots for Diesel Engine Variability Tests. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2009, 64, 96-102.	1.5	13
7	Combustion Process of Canola Oil and n-Hexane Mixtures in Dynamic Diesel Engine Operating Conditions. Applied Sciences (Switzerland), 2020, 10, 80.	2.5	11
8	Assessment of Lift Passenger Comfort by the Hilbert-Huang Transform. Journal of Vibration Engineering and Technologies, 2020, 8, 373-380.	2.2	7
9	Increasing Parameters of Diesel Engines by Their Transformation for Methanol Conversion Products. Energies, 2021, 14, 1710.	3.1	6
10	The Use of Canola Oil, n-Hexane, and Ethanol Mixtures in a Diesel Engine. SAE International Journal of Fuels and Lubricants, 0, 14, .	0.2	6
11	Physicochemical Properties of Diethyl Ether-Sunflower Oil Blends and Their Impact on Diesel Engine Emissions. Energies, 2022, 15, 4133.	3.1	6
12	ANALYSIS OF VIBROACOUSTIC SIGNALS RECORDED IN THE PASSENGER LIFT CABIN. Advances in Science and Technology Research Journal, 2016, 10, 193-201.	0.8	5
13	THE IMPACT OF THE ELEVATOR GUIDES CONTAMINATION ON THE BRAKING PROCESS DELAY FOR SELECTED PROGRESSIVE GEARS. Advances in Science and Technology Research Journal, 2017, 11, 1-7.	0.8	5
14	Modification of Canola Oil Physicochemical Properties by Hexane and Ethanol with Regards of Its Application in Diesel Engine. Energies, 2021, 14, 4469.	3.1	4
15	Modelling the Combustion Process in the Diesel Engine with the Use of Neural Networks. , 0, , .		3
16	Effect of some properties of hydrocarbon fuels on self-ignition delay Wpływ wybranych właściwości paliw węglowodorowych na opóźnienie ich samozapalenia w silniku o zapaleniem samoczynnym. Przemysł Chemiczny, 2017, 1, 188-192.	0.0	3
17	Using Neural Networks in Modeling Customer Loyalty in Passenger Cars Maintenance and Repair Services. Applied Sciences (Switzerland), 2018, 8, 713.	2.5	2
18	Using the Hall Effect for Monitoring the Starter Condition in Motor Vehicles. Applied Sciences (Switzerland), 2018, 8, 747.	2.5	2

#	ARTICLE	IF	CITATIONS
19	Samozapłon mieszanin oleju rzepakowego z n-heksanem w silniku o zapłonie samoczynnym. Przemysł Chemiczny, 2020, 1, 48-52.	0.0	2
20	Compression-ignition engine fuelled with diesel and hydrogen engine acceleration process. Silniki Spalinowe, 2020, 180, 47-51.	0.7	2
21	Ecological aspects of using mixtures of canola oil with n-hexane in diesel engine. Silniki Spalinowe, 2021, , .	0.7	2
22	Using Hydrogen Reactors to Improve the Diesel Engine Performance. Energies, 2022, 15, 3024.	3.1	2
23	Diagnostics of the Passenger Lift Winch. Advances in Science and Technology Research Journal, 2018, 12, 26-35.	0.8	1
24	Dynamic Aspects of the Diesel Engine Work. , 2007, , .		0
25	The efficiency of the process of coal gasification in the presence of hydrogen. E3S Web of Conferences, 2018, 46, 00030.	0.5	0