

# Przemyslaw Kubiak

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

147  
citations

1307366

7  
h-index

1281743

11  
g-index

29  
all docs

29  
docs citations

29  
times ranked

77  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exhaust Emissions Measurement of a Vehicle with Retrofitted LPG System. <i>Energies</i> , 2022, 15, 1184.	1.6	23
2	New high precision method for determining vehicle crash velocity based on measurements of body deformation. <i>International Journal of Crashworthiness</i> , 2016, 21, 532-541.	1.1	14
3	Nonlinear approximation method of vehicle velocity $V_t$ and statistical population of experimental cases. <i>Forensic Science International</i> , 2017, 281, 147-151.	1.3	13
4	A precise method of vehicle velocity determination based on measurements of car body deformation – non-linear method for the “Luxury” vehicle class. <i>International Journal of Crashworthiness</i> , 2018, 23, 100-107.	1.1	11
5	Work of non-elastic deformation against the deformation ratio of the Subcompact Car Class using the variable correlation method. <i>Forensic Science International</i> , 2018, 287, 47-53.	1.3	10
6	Determining vehicle pre-crash speed in frontal barrier crashes using artificial neural network for intermediate car class. <i>Forensic Science International</i> , 2020, 308, 110179.	1.3	10
7	Improving the efficiency of four-stroke engine with use of the pneumatic energy accumulator-simulations and examination. <i>International Journal of Automotive Technology</i> , 2016, 17, 581-590.	0.7	9
8	Exhaust Emissions from Plug-in and HEV Vehicles in Type-Approval Tests and Real Driving Cycles. <i>Energies</i> , 2022, 15, 2423.	1.6	8
9	Non-linear method of determining vehicle pre-crash speed based on tensor B-spline products with probabilistic weights – Intermediate Car Class. <i>Forensic Science International</i> , 2018, 293, 7-16.	1.3	7
10	Analysis and Evaluation of Heat Pipe Efficiency to Reduce Low Emission with the Use of Working Agents R134A, R404A and R407C, R410A. <i>Energies</i> , 2021, 14, 1926.	1.6	6
11	The Comparative Study on the Li-S and Li-ion Batteries Cooperating with the Photovoltaic Array. <i>Energies</i> , 2020, 13, 5109.	1.6	5
12	Precise method of vehicle velocity determination basing on measurements of car body deformation – non-linear method for “Full Size” vehicle class. <i>International Journal of Crashworthiness</i> , 2018, 23, 302-310.	1.1	4
13	A Study on Wear and Friction of Passenger Vehicles Control Arm Ball Joints. <i>Energies</i> , 2021, 14, 3238.	1.6	4
14	The Method of Determining Velocity by Measuring the Vehicle-Body Deformation Plane Approximation Method. , 2016, , 43-57.		4
15	Investigation of high-precision non-linear crash reconstruction method basing on a “Mini” vehicle class database. <i>International Journal of Crashworthiness</i> , 2018, 23, 635-644.	1.1	3
16	Researches on Tie Rod Ends Lubricated by Grease with TiO <sub>2</sub> and ZrO <sub>2</sub> Nanoparticles. <i>Journal of Physics: Conference Series</i> , 2018, 1033, 012006.	0.3	3
17	NEW THEORETICAL CYCLE FOR ACTIVE COMBUSTION CHAMBER ENGINE. , 2019, 83, 23-42.		3
18	The Use of the Fourier Series to Analyze the Shaping of Thermodynamic Processes in Heat Engines. <i>Energies</i> , 2021, 14, 2316.	1.6	2

#	ARTICLE	IF	CITATIONS
19	A Study on the Flow Resistance of Fluids Flowing in the Engine Oil-Cooler Chosen. <i>Lubricants</i> , 2021, 9, 75.	1.2	2
20	Carbon Fibre Reinforced Wheel for Fuel Ultra-efficient Vehicle. <i>Mechanics and Mechanical Engineering</i> , 2018, 22, 1419-1438.	0.2	2
21	Nonlinear methods of vehicle velocity determination based on inverse systems and tensor products of Legendre polynomials in compact car class. <i>Forensic Science International</i> , 2019, 295, 19-29.	1.3	1
22	Determining vehicle pre-crash speed in frontal barrier crashes using genetic algorithm model adjustment techniques for intermediate car class. <i>International Journal of Crashworthiness</i> , 2022, 27, 1009-1016.	1.1	1
23	The Properties of Materials and Structures of Fluted PVC Panels for the Transmission of Airborne Sound. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5732.	1.3	1
24	Studies on friction in ball joint lubricated by lithium grease with SiO <sub>2</sub> nanoparticles. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
25	THE ANALYSIS OF FRICTION IN THE BEARING OF ROCKER ARMS. <i>Journal of KONES</i> , 2016, 23, 231-238.	0.2	0
26	Friction Issues over the Railway Wheels-Axis Assembly Motion. <i>Lubricants</i> , 2022, 10, 26.	1.2	0
27	Studies on Wear of a Milling Chuck for a Production Line of Specialized Elements Used in Lockstitch Machines. <i>Materials</i> , 2022, 15, 3402.	1.3	0
28	The Research on Characteristics of CI Engine Supplied with Biodiesels from Brown and Yellow Grease. <i>Energies</i> , 2022, 15, 4083.	1.6	0