Przemyslaw Kubiak

List of Publications by Year
in descending order

28 papers	147 citations	1464605 7 h-index	1427216 11 g-index
29 all docs	29 docs citations	29 times ranked	83 citing authors

#	Article	IF	Citations
1	Determining vehicle pre-crash speed in frontal barrier crashes using genetic algorithm model adjustment techniques for intermediate car class. International Journal of Crashworthiness, 2022, 27, 1009-1016.	1.1	1
2	Exhaust Emissions Measurement of a Vehicle with Retrofitted LPG System. Energies, 2022, 15, 1184.	1.6	23
3	Friction Issues over the Railway Wheels-Axis Assembly Motion. Lubricants, 2022, 10, 26.	1.2	0
4	Exhaust Emissions from Plug-in and HEV Vehicles in Type-Approval Tests and Real Driving Cycles. Energies, 2022, 15, 2423.	1.6	8
5	Studies on Wear of a Milling Chuck for a Production Line of Specialized Elements Used in Lockstitch Machines. Materials, 2022, 15, 3402.	1.3	0
6	The Research on Characteristics of CI Engine Supplied with Biodiesels from Brown and Yellow Grease. Energies, 2022, 15, 4083.	1.6	0
7	The Properties of Materials and Structures of Fluted PVC Panels for the Transmission of Airborne Sound. Applied Sciences (Switzerland), 2022, 12, 5732.	1.3	1
8	Analysis and Evaluation of Heat Pipe Efficiency to Reduce Low Emission with the Use of Working Agents R134A, R404A and R407C, R410A. Energies, 2021, 14, 1926.	1.6	6
9	The Use of the Fourier Series to Analyze the Shaping of Thermodynamic Processes in Heat Engines. Energies, 2021, 14, 2316.	1.6	2
10	A Study on Wear and Friction of Passenger Vehicles Control Arm Ball Joints. Energies, 2021, 14, 3238.	1.6	4
11	A Study on the Flow Resistance of Fluids Flowing in the Engine Oil-Cooler Chosen. Lubricants, 2021, 9, 75.	1.2	2
12	The Comparative Study on the Li-S and Li-ion Batteries Cooperating with the Photovoltaic Array. Energies, 2020, 13, 5109.	1.6	5
13	Studies on friction in ball joint lubricated by lithium grease with Sio2 nanoparticles. AIP Conference Proceedings, 2020, , .	0.3	0
14	Determining vehicle pre-crash speed in frontal barrier crashes using artificial neural network for intermediate car class. Forensic Science International, 2020, 308, 110179.	1.3	10
15	Nonlinear methods of vehicle velocity determination based on inverse systems and tensor products of Legendre polynomials in compact car class. Forensic Science International, 2019, 295, 19-29.	1.3	1
16	NEW THEORETICAL CYCLE FOR ACTIVE COMBUSTION CHAMBER ENGINE. , 2019, 83, 23-42.		3
17	Work of non-elastic deformation against the deformation ratio of the Subcompact Car Class using the variable correlation method. Forensic Science International, 2018, 287, 47-53.	1.3	10
18	A precise method of vehicle velocity determination based on measurements of car body deformation â€" non-linear method for the â€˜Luxuryâ€™ vehicle class. International Journal of Crashworthiness, 2018, 23, 100-107.	1.1	11

#	Article	IF	Citations
19	Precise method of vehicle velocity determination basing on measurements of car body deformation—non-linear method for 'Full Size' vehicle class. International Journal of Crashworthiness, 2018, 23, 302-310.	1.1	4
20	Investigation of high-precision non-linear crash reconstruction method basing on a 'Mini' vehicle class database. International Journal of Crashworthiness, 2018, 23, 635-644.	1.1	3
21	Non-linear method of determining vehicle pre-crash speed based on tensor B-spline products with probabilistic weights — Intermediate Car Class. Forensic Science International, 2018, 293, 7-16.	1.3	7
22	Researches on Tie Rod Ends Lubricated by Grease with TiO_2 and ZrO_2 Nanoparticles. Journal of Physics: Conference Series, 2018, 1033, 012006.	0.3	3
23	Carbon Fibre Reinforced Wheel for Fuel Ultra—Efficient Vehicle. Mechanics and Mechanical Engineering, 2018, 22, 1419-1438.	0.2	2
24	Nonlinear approximation method of vehicle velocity V t and statistical population of experimental cases. Forensic Science International, 2017, 281, 147-151.	1.3	13
25	New high precision method for determining vehicle crash velocity based on measurements of body deformation. International Journal of Crashworthiness, 2016, 21, 532-541.	1.1	14
26	Improving the efficiency of four-stroke engine with use of the pneumatic energy accumulator-simulations and examination. International Journal of Automotive Technology, 2016, 17, 581-590.	0.7	9
27	The Method of Determining Velocity by Measuring the Vehicle-Body Deformation Plane Approximation Method. , 2016, , 43-57.		4
28	THE ANALYSIS OF FRICTION IN THE BEARING OF ROCKER ARMS. Journal of KONES, 2016, 23, 231-238.	0.2	0