

# Piotr Krawiec

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8653488/publications.pdf>

Version: 2024-02-01

23  
papers

394  
citations

840119

11  
h-index

839053

18  
g-index

23  
all docs

23  
docs citations

23  
times ranked

236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Legal regulations of restrictions of air pollution made by non-road mobile machinery – the case study for Europe: a review. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3243-3259.	2.7	56
2	Evaluation of the Thermal Stability and Surface Characteristics of Thermoplastic Polyurethane V-Belt. <i>Materials</i> , 2020, 13, 1502.	1.3	38
3	Fuel Consumption Test Results for a Self-Adaptive, Maintenance-Free Wood Chipper Drive Control System. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2727.	1.3	31
4	Impact of Number of Operators and Distance to Branch Piles on Woodchipper Operation. <i>Forests</i> , 2020, 11, 598.	0.9	26
5	Energy consumption of the wood size reduction processes with employment of a low-power machines with various cutting mechanisms. <i>Renewable Energy</i> , 2022, 181, 630-639.	4.3	26
6	A proposal of measurement methodology and assessment of manufacturing methods of nontypical cog belt pulleys. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 132, 182-190.	2.5	24
7	Reduction in Operating Costs and Environmental Impact Consisting in the Modernization of the Low-Power Cylindrical Wood Chipper Power Unit by Using Alternative Fuel. <i>Energies</i> , 2020, 13, 2995.	1.6	24
8	The Toxicological Testing and Thermal Decomposition of Drive and Transport Belts Made of Thermoplastic Multilayer Polymer Materials. <i>Polymers</i> , 2020, 12, 2232.	2.0	23
9	Profile design of noncircular belt pulleys. <i>Journal of Theoretical and Applied Mechanics</i> , 0, , 561.	0.2	23
10	Analysis of selected dynamic features of a two-wheeled transmission system. <i>Journal of Theoretical and Applied Mechanics</i> , 0, , 461.	0.2	23
11	Analysis of Generation Capabilities of Noncircular Cogbelt Pulleys on the Example of a Gear With an Elliptical Pitch Line. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2011, 133, .	1.3	18
12	Wear evaluation of elements of V-belt transmission with the application of optical microscope. <i>MATEC Web of Conferences</i> , 2018, 157, 01009.	0.1	14
13	Chemical compounds released by combustion of polymer composites flat belts. <i>Scientific Reports</i> , 2021, 11, 8269.	1.6	14
14	Influence of Measurement Methodologies for the Volumetric Air Flow Rate of Mobile Positive Pressure Fans on Drive Unit Performance. <i>Energies</i> , 2022, 15, 3953.	1.6	11
15	The Problem of Removing Seaweed from the Beaches: Review of Methods and Machines. <i>Water (Switzerland)</i> , 2021, 13, 736.	1.2	9
16	Identification and Evaluation of Technical and Operational Parameters of Mobile Positive Pressure Ventilation Fans Used during Rescue Operations. <i>Safety &amp; Fire Technology</i> , 2021, 58, 74-91.	0.1	9
17	Ocena emisji zwiÄzkÄw chemicznych podczas rozkÄadu termicznego i spalania pasÄw klinowych. <i>Przemysl Chemiczny</i> , 2020, 1, 94-100.	0.0	8
18	The Impact of the Modernization of the Injection-ignition System on the Parameters of Motion of the Motorcycle. <i>Procedia Engineering</i> , 2017, 177, 393-398.	1.2	6

#	ARTICLE	IF	CITATIONS
19	Wear evaluation study of the multiple grooved pulleys with optical method. MATEC Web of Conferences, 2019, 254, 01004.	0.1	6
20	Innovations in chainsaws utilised as mechanical rescue devices. Safety & Fire Technology, 2020, 55, 142-153.	0.1	2
21	Comparative Analysis of Tests under Real Conditions and CFD Model for Selected Operation Parameters of a Mobile Fan Used by Fire Protection Units. MATEC Web of Conferences, 2022, 357, 02011.	0.1	2
22	Development trends in belt transmissions with V-belt. MATEC Web of Conferences, 2022, 357, 01003.	0.1	1
23	Testing and Analysis of Vibration of a Tension Transmission with a Thermally Sealed Belt. Springer Proceedings in Mathematics and Statistics, 2021, , 117-128.	0.1	0