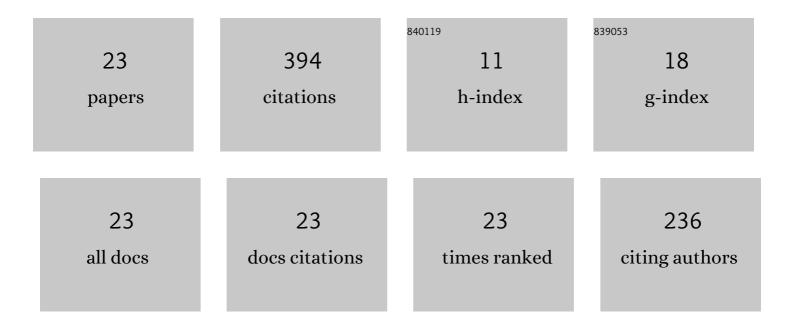
## Piotr Krawiec

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8653488/publications.pdf Version: 2024-02-01



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#	Article	IF	CITATIONS
1	Legal regulations of restrictions of air pollution made by non-road mobile machinery—the case study for Europe: a review. Environmental Science and Pollution Research, 2018, 25, 3243-3259.	2.7	56
2	Evaluation of the Thermal Stability and Surface Characteristics of Thermoplastic Polyurethane V-Belt. Materials, 2020, 13, 1502.	1.3	38
3	Fuel Consumption Test Results for a Self-Adaptive, Maintenance-Free Wood Chipper Drive Control System. Applied Sciences (Switzerland), 2020, 10, 2727.	1.3	31
4	Impact of Number of Operators and Distance to Branch Piles on Woodchipper Operation. Forests, 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. Renewable Energy, 2022, 181, 630-639.	4.3	26
6	A proposal of measurement methodology and assessment of manufacturing methods of nontypical cog belt pulleys. Measurement: Journal of the International Measurement Confederation, 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. Energies, 2020, 13, 2995.	1.6	24
8	The Toxicological Testing and Thermal  Decomposition of Drive and Transport Belts Made of Thermoplastic Multilayer Polymer Materials. Polymers, 2020, 12, 2232.	2.0	23
9	Profile design of noncircular belt pulleys. Journal of Theoretical and Applied Mechanics, 0, , 561.	0.2	23
10	Analysis of selected dynamic features of a two-wheeled transmission system. Journal of Theoretical and Applied Mechanics, 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. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2011, 133, .	1.3	18
12	Wear evaluation of elements of V-belt transmission with the application of optical microscope. MATEC Web of Conferences, 2018, 157, 01009.	0.1	14
13	Chemical compounds released by combustion of polymer composites flat belts. Scientific Reports, 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. Energies, 2022, 15, 3953.	1.6	11
15	The Problem of Removing Seaweed from the Beaches: Review of Methods and Machines. Water (Switzerland), 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. Safety & Fire Technology, 2021, 58, 74-91.	0.1	9
17	Ocena emisji zwiÄ…zków chemicznych podczas rozkÅ,adu termicznego i spalania pasów klinowych. Przemysl Chemiczny, 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. Procedia Engineering, 2017, 177, 393-398.	1.2	6

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#	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