

# Piotr Cheluszka

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7209892/publications.pdf>

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17  
papers

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1684188

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1474206

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docs citations

18  
times ranked

66  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the simulated control of the rotational speed of roadheader cutting heads, relating to the reduction of energy consumption during the cutting process. Journal of Mining Science, 2015, 51, 298-308.	0.6	17
2	Follow-Up Chain Tension in an Armoured Face Conveyor / Nadążne Napinanie Łańcucha Zgrzebniowego W Przenośniku Łączniowym. Archives of Mining Sciences, 2015, 60, 25-38.	0.6	14
3	Optimization of the Cutting Process Parameters to Ensure High Efficiency of Drilling Tunnels and Use the Technical Potential of the Boom-Type Roadheader. Energies, 2020, 13, 6597.	3.1	10
4	Studies of behaviour of the automatic control system of roadheader cutting heads movement. MATEC Web of Conferences, 2019, 252, 09002.	0.2	8
5	The Relevance of the Rotational Speed of Roadheader Cutting Heads According to the Energy Consumption of the Cutting Process / Znaczenie prędkości obrotowej głowic urabiających kombajnu chodnikowego ze względu na energochłonność procesu urabiania. Archives of Mining Sciences, 2013, 58, 3-21.	0.6	7
6	Computer-aided design of robotised technology for manufacturing working units of mining machines. International Journal of Mining, Reclamation and Environment, 2015, 29, 62-81.	2.8	6
7	New Computer Simulation Procedure of Heading Face Mining Process with Transverse Cutting Heads for Roadheader Automation. Archives of Mining Sciences, 2017, 62, 83-104.	0.6	6
8	Significance of cutting process parameters as related to improving dynamic state of roadheader and minimizing power consumption. Mininig - Informatics Automation and Electrical Engineering, 2017, 2 (530), 59.	0.2	5
9	Numerical Studies of the Dynamics of the Roadheader Equipped with an Automatic Control System during Cutting of Rocks with Different Mechanical Properties. Energies, 2021, 14, 7353.	3.1	5
10	Validation of a Method for Measuring the Position of Pick Holders on a Robotically Assisted Mining Machine's Working Unit. Energies, 2022, 15, 295.	3.1	5
11	Automatic Control of Working Process Parameters as a Condition for Robotisation of Mining Machines. , 2018, , .		4
12	SIMULATION INVESTIGATIONS OF ROADHEADER DYNAMICS FOR AUTOMATIC CONTROL OF CUTTING PROCESS. , 2017, , .		4
13	The Use of a Stereovision System in Shape Detection of the Side Surface of the Body of the Mining Machine Working Unit. New Trends in Production Engineering, 2020, 3, 251-271.	0.3	4
14	Theoretical consideration of fatigue strengthening of conical picks for rock cutting. Tunnelling and Underground Space Technology, 2022, 125, 104481.	6.2	4
15	Computer-Aided Manufacturing of Working Units for High-Performance Mining Machines. , 2016, , .		2
16	The Anti-Resonance Criterion in Selecting Pick Systems for Fully Operational Cutting Machinery Used in Mining. Archives of Mining Sciences, 2017, 62, 775-793.	0.6	2
17	ENERGY-SAVING AND ENVIRONMENTAL-FRIENDLY TECHNOLOGY FOR CONSTRUCTION OF UNDERGROUND ARCHITECTONIC OBJECTS WITH THE USE OF ROADHEADERS. , 2017, , .		2