Piotr Cheluszka

List of Publications by Year
in descending order

17	107	1684188 5	1474206 9
papers	citations	h-index	g-index

18	18	18	66
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Validation of a Method for Measuring the Position of Pick Holders on a Robotically Assisted Mining Machineâ€™s Working Unit. Energies, 2022, 15, 295.	3.1	5
2	Theoretical consideration of fatigue strengthening of conical picks for rock cutting. Tunnelling and Underground Space Technology, 2022, 125, 104481.	6.2	4
3	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
4	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
5	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
6	Studies of behaviour of the automatic control system of roadheader cutting heads movement. MATEC Web of Conferences, 2019, 252, 09002.	0.2	8
7	Automatic Control of Working Process Parameters as a Condition for Robotisation of Mining Machines. , 2018, , .		4
8	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
9	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
10	SIMULATION INVESTIGATIONS OF ROADHEADER DYNAMICS FOR AUTOMATIC CONTROL OF CUTTING PROCESS. , 2017, , .		4
11	ENERGYï¿½SAVING AND ENVIRONMENTALï¿½FRIENDLY TECHNOLOGY FOR CONSTRUCTION OF UNDERGROUND ARCHITECTONIC OBJECTS WITH THE USE OF ROADHEADERS. , 2017, , .		2
12	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
13	Computerâ€Aided Manufacturing of Working Units for Highâ€•Performance Mining Machines. , 2016, , .		2
14	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
15	Follow-Up Chain Tension in an Armoured Face Conveyor / NadÄ…Å¼ne Napinanie Åa„cucha ZgrzebÅ‚owego W PrzenoÅ›niku Åšcianowym. Archives of Mining Sciences, 2015, 60, 25-38.	0.6	14
16	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
17	The Relevance of the Rotational Speed of Roadheader Cutting Heads According to the Energy Consumption of the Cutting Process / Znaczenie prÄ™dkoÅ›ci obrotowej gÅ‚owic urabiajÄ…cych kombajnu chodnikowego ze wzglÄ™du na energochÅ‚onnoÅ›Ä‡ procesu urabiania. Archives of Mining Sciences, 2013, 58, 3-21.	0.6	7