

Przemysław Moczko

List of Publications by Year in descending order

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37
papers

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49
all docs

49
docs citations

49
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing Efficiency of Industrial Centrifugal Fans Using Blade Adjustment Mechanism. <i>Energies</i> , 2022, 15, 893.	3.1	4
2	Accuracy Evaluation of Thermoelastic Stress Analysis with the Use of Experimental and Numerical Methods. <i>Materials</i> , 2022, 15, 1961.	2.9	1
3	The use of thermoelastic stress analysis for stress distribution evaluation of an industrial equipment under regular operating conditions. <i>Archives of Civil and Mechanical Engineering</i> , 2022, 22, 1.	3.8	1
4	Data from vibration measurement in a bucket wheel excavator operator's cabin with the aim of vibrations damping. <i>Data in Brief</i> , 2021, 35, 106836.	1.0	9
5	Iterative learning from suppressing vibrations in construction machinery using magnetorheological dampers. <i>Automation in Construction</i> , 2020, 119, 103326.	9.8	11
6	Investigation of the failure of the bucket wheel excavator bridge conveyor. <i>Engineering Failure Analysis</i> , 2019, 106, 104180.	4.0	14
7	Experimental “ numerical method for assessing the condition of opencast mining and material handling equipment. <i>Australian Journal of Structural Engineering</i> , 2019, 20, 248-258.	1.1	3
8	Analysis of the Causes of Fatigue Cracks in the Carrying Structure of the Bucket Wheel in the SchRs4600 Excavator Using Experimental-Numerical Techniques. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 15-28.	0.4	2
9	Numerical and Experimental Testing of the WLS Series Axial Fans Used for Local Ventilation of Underground Excavations. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 497-509.	0.4	1
10	Selected Problems of Fatigue Testing of Automotive Drive Shafts. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 627-635.	0.4	0
11	Design and approval third party audit of material handling and mining equipment. <i>International Journal of Mining and Mineral Engineering</i> , 2019, 10, 205.	0.3	0
12	Design and approval third party audit of material handling and mining equipment. <i>International Journal of Mining and Mineral Engineering</i> , 2019, 10, 205.	0.3	0
13	Determination of the Bucket Wheel Suspension Stiffness. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 527-536.	0.4	0
14	Material handling and mining equipment: International standards recommendations for design and testing. <i>FME Transactions</i> , 2018, 46, 291-298.	1.4	10
15	Monitoring and testing of high power industrial fans vibration. <i>Procedia Engineering</i> , 2017, 199, 2190-2195.	1.2	6
16	Identification of low cycle dynamic loads acting on heavy machinery. <i>Procedia Engineering</i> , 2017, 199, 254-259.	1.2	5
17	Investigation of Influence of Unevenly Spaced Blades onto Working Parameters of Centrifugal Fans Impellers Used in Mine Ventilation. <i>Lecture Notes in Mechanical Engineering</i> , 2017, , 389-398.	0.4	1
18	The Numerical and Experimental Vibrations Analysis of WLS Series Fans Designed for the Use in Underground Mines. <i>Lecture Notes in Mechanical Engineering</i> , 2017, , 489-504.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Method for Determining Bucket Chain Drive Loads During Excavation of the Bucket Chain Excavator. Lecture Notes in Mechanical Engineering, 2017, , 249-258.	0.4	0
20	Failure Analysis. , 2017, , 85-128.		0
21	Methods of Condition Assessment. , 2017, , 41-84.		0
22	Main Problems Related to the Operation and Maintenance of Mega Machines. , 2017, , 9-40.		0
23	Selected Aspects of Technical Condition State Assessment of Spreaders Operating in Lignite Mines. Lecture Notes in Mechanical Engineering, 2017, , 89-98.	0.4	2
24	Investigation and modernization of buckets of surface mining machines. Engineering Structures, 2015, 90, 29-37.	5.3	18
25	Proactive Condition Monitoring of Low-Speed Machines. , 2015, , .		16
26	Investigation of vibrations of a main centrifugal fan used in mine ventilation. Archives of Civil and Mechanical Engineering, 2014, 14, 569-579.	3.8	24
27	The influence of copper ore lithology on the grinding media wear. Wear, 2014, 318, 40-48.	3.1	4
28	Field and Numerical Testing of the BWE SchRs4600.50 Dynamic Behavior. Conference Proceedings of the Society for Experimental Mechanics, 2014, , 525-532.	0.5	1
29	Proactive control system of condition of low-speed cement machinery. Automation in Construction, 2013, 31, 313-324.	9.8	12
30	Estimating the Remaining Operating Time of Mining Headframe with Consideration of Its Current Technical Condition. Procedia Engineering, 2013, 57, 958-966.	1.2	4
31	Experimental and Numerical Studies of Jaw Crusher Supporting Structure Fatigue Failure. Strojnicki Vestnik/Journal of Mechanical Engineering, 2013, 9, 556-563.	1.1	13
32	Implementation of experimental method of determining modal characteristics of surface mining machinery in the modernization of the excavating unit. Archives of Civil and Mechanical Engineering, 2012, 12, 471-476.	3.8	42
33	The lifetime prediction of a rotary screw compressor of a liquid cooler subjected to high pressure and high frequency loads. Engineering Failure Analysis, 2010, 17, 1290-1299.	4.0	4
34	Examination of the causes of a bucket wheel fracture in a bucket wheel excavator. Engineering Failure Analysis, 2010, 17, 1300-1312.	4.0	39
35	Numerical and experimental analysis of a mine's loader boom crack. Automation in Construction, 2008, 17, 271-277.	9.8	19
36	Structural Modifications of Excavator's Bucket Wheel by the Use of Numerical Methods. Solid State Phenomena, 0, 165, 330-335.	0.3	6

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37	Analysis of the Fatigue Fractures in the Eccentric Press Shaft. Solid State Phenomena, 0, 165, 321-329.	0.3	2