

# Miriam Andrejiova

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

341  
citations

687335

13  
h-index

888047

17  
g-index

45  
all docs

45  
docs citations

45  
times ranked

252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement and simulation of impact wear damage to industrial conveyor belts. <i>Wear</i> , 2016, 368-369, 400-407.	3.1	39
2	Examination of the process of damaging the top covering layer of a conveyor belt applying the FEM. Measurement: <i>Journal of the International Measurement Confederation</i> , 2017, 112, 47-52.	5.0	21
3	Classification of impact damage on a rubber-textile conveyor belt using Naïve-Bayes methodology. <i>Wear</i> , 2018, 414-415, 59-67.	3.1	21
4	Failure analysis of rubber composites under dynamic impact loading by logistic regression. <i>Engineering Failure Analysis</i> , 2018, 84, 311-319.	4.0	19
5	Using logistic regression in tracing the significance of rubber-textile conveyor belt damage. <i>Wear</i> , 2014, 318, 145-152.	3.1	18
6	Measurement and determination of the absorbed impact energy for conveyor belts of various structures under impact loading. Measurement: <i>Journal of the International Measurement Confederation</i> , 2019, 131, 362-371.	5.0	18
7	Methodology for Complex Efficiency Evaluation of Machinery Safety Measures in a Production Organization. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 453.	2.5	18
8	Analysis of influence of conveyor belt overhang and cranking on pipe conveyor operational characteristics. Measurement: <i>Journal of the International Measurement Confederation</i> , 2015, 63, 168-175.	5.0	17
9	Monitoring of dependences and ratios of normal contact forces on hexagonal idler housings of the pipe conveyor. Measurement: <i>Journal of the International Measurement Confederation</i> , 2015, 64, 168-176.	5.0	17
10	Failure analysis of the rubber-textile conveyor belts using classification models. <i>Engineering Failure Analysis</i> , 2019, 101, 407-417.	4.0	16
11	Energy Saving Techniques and Strategies for Illumination in Industry. <i>Procedia Engineering</i> , 2015, 100, 187-195.	1.2	15
12	Online monitoring of a pipe conveyor. Part I: Measurement and analysis of selected operational parameters. Measurement: <i>Journal of the International Measurement Confederation</i> , 2016, 94, 364-371.	5.0	14
13	Failure analysis of conveyor belt in terms of impact loading by means of the damping coefficient. <i>Engineering Failure Analysis</i> , 2016, 68, 210-221.	4.0	14
14	Measuring and comparative analysis of the interaction between the dynamic impact loading of the conveyor belt and the supporting system. Measurement: <i>Journal of the International Measurement Confederation</i> , 2015, 59, 184-191.	5.0	11
15	Online monitoring of pipe conveyors part II: Evaluation of selected operational parameters for the design of expert system. Measurement: <i>Journal of the International Measurement Confederation</i> , 2017, 104, 1-11.	5.0	10
16	Analysis of tensile properties of worn fabric conveyor belts with renovated cover and with the different carcass type. <i>Eksplatacja I Niezawodnosc</i> , 2020, 22, 472-481.	2.0	10
17	Verification of the impact of the used type of excitation noise in determining the acoustic properties of separating constructions. Measurement: <i>Journal of the International Measurement Confederation</i> , 2016, 78, 83-89.	5.0	9
18	Study of the Percentage of Greenhouse Gas Emissions from Aviation in the EU-27 Countries by Applying Multiple-Criteria Statistical Methods. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3759.	2.6	9

#	ARTICLE	IF	CITATIONS
19	Research in placement of measuring sensors on hexagonal idler housing with regard to requirements of pipe conveyor failure analysis. <i>Engineering Failure Analysis</i> , 2020, 116, 104703.	4.0	7
20	Identification with machine learning techniques of a classification model for the degree of damage to rubber-textile conveyor belts with the aim to achieve sustainability. <i>Engineering Failure Analysis</i> , 2021, 127, 105564.	4.0	7
21	Prediction of contact forces on idler rolls of a pipe conveyor idler housing for the needs of its online monitoring. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 139, 177-184.	5.0	5
22	METHODOLOGY FOR RISK ASSESSMENT OF NOISE EFFECTS AT WORKPLACE. <i>MM Science Journal</i> , 2019, 2019, 3426-3430.	0.4	4
23	Applying the Heuristic to the Risk Assessment within the Automotive Industry Supply Chain. <i>Open Engineering</i> , 2017, 7, 43-49.	1.6	3
24	Occupational Disease as the Bane of Workersâ€™ Lives: A Chronological Review of the Literature and Study of Its Development in Slovakia. Part 1. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5910.	2.6	3
25	Dynamic Model of Impact Energy Absorption by a Conveyor Belt in Interaction with the Support System. <i>Energies</i> , 2022, 15, 64.	3.1	3
26	Analysis of the Impact of Selected Physical Environmental Factors on the Health of Employees: Creating a Classification Model Using a Decision Tree. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 5080.	2.6	2
27	Analysis of the Dependence of the Apparent Sound Reduction Index on Excitation Noise Parameters. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8557.	2.5	2
28	Civil Aviation Occurrences in Slovakia and Their Evaluation Using Statistical Methods. <i>Sustainability</i> , 2021, 13, 5396.	3.2	2
29	ANALYSIS OF SOIL CONTAMINATION WITH HEAVY METALS IN SLOVAK REPUBLIC BY USING MULTIDIMENSIONAL STATISTICAL METHOD. , 2013, , .		1
30	CONTINUOUS CONVEYOR SYSTEM EVALUATION BASED ON THE QUALITY OF CONVEYOR BELTS. , 2018, , .		1
31	Approaches to the Evaluation of Thermal-Hygric Microclimatic Conditions in Selected Manufacturing Organizations. <i>Advances in Science and Technology Research Journal</i> , 2019, 13, 14-23.	0.8	1
32	Failure analysis of the impact resistance of protective rubber panels. <i>Engineering Failure Analysis</i> , 2022, 139, 106481.	4.0	1
33	Application the Renewal Theory to Determining the Models of the Optimal Lifetime for Conveyor Belts. <i>Applied Mechanics and Materials</i> , 2014, 683, 97-101.	0.2	0
34	Mathematical Model for Determining the Lifetime of Conveyor Belts Depending on some Selected Parameters. <i>Applied Mechanics and Materials</i> , 0, 683, 147-152.	0.2	0
35	Case study of noise evaluation for asphalt roadway. , 2016, , .		0
36	System for Collecting and Recycling of used Batteries and Acumulators. <i>Annals of DAAAM &amp; Proceedings</i> , 2012, , 0751-0756.	0.1	0

#	ARTICLE	IF	CITATIONS
37	The Air Quality Assessment from the Stationary Source Air Pollution. Annals of DAAAM & Proceedings, 2016, , 0082-0088.	0.1	0
38	Agricultural Soil Contamination by Heavy Metals in Slovakia. Acta Mechanica Slovaca, 2016, 20, 38-48.	0.1	0
39	Analysis of Conveyor Belt Impact Resistance Data Using a Software Application. Acta Polytechnica Hungarica, 2017, 14, .	2.9	0
40	A Methodology for Assessing the Quality of Working Environment: Example of Research Proposal. Acta Mechanica Slovaca, 2017, 21, 52-59.	0.1	0
41	THE COMPARISON OF TRANSPORT INFRASTRUCTURES IN INDIVIDUAL SLOVAK REGIONS BY APPLYING PCA AND CLUSTER ANALYSIS. Acta Logistica, 2020, 7, 225-234.	0.6	0
42	Occupational Disease as the Bane of Workersâ€™ Lives: A Study of Its Incidence in Slovakia. Part 2. International Journal of Environmental Research and Public Health, 2021, 18, 12990.	2.6	0