

# Zuzana Szabova

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

61  
citations

2148532

4  
h-index

1905433

7  
g-index

34  
all docs

34  
docs citations

34  
times ranked

44  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Explosion Chamber Shape on Timing Parameters of Disperser. Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava, 2021, 29, 143-148.	0.4	0
2	Fire Characteristics of Polyethylene Dust. Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava, 2021, 29, 65-72.	0.4	0
3	Determination of Timing Parameters of Dust Clouds Explosion in Dependence on the Size of the Vessel Volume. Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava, 2021, 29, 55-64.	0.4	0
4	A new 365-litre dust explosion chamber: Design and testing. Powder Technology, 2021, 386, 420-427.	2.1	8
5	Determination of Fire Parameters of Polyamide 12 Powder for Additive Technologies. Polymers, 2021, 13, 3014.	2.0	6
6	Study into parameters of the dust explosion ignited by an improvised explosion device filled with organic peroxide. Chemical Engineering Research and Design, 2021, 155, 98-107.	2.7	13
7	Influence of the Pyrotechnic Igniter Composition Aging on Explosion Parameters of Dispersed Dusts. Applied Sciences (Switzerland), 2021, 11, 10728.	1.3	4
8	Study of Fire Characteristics of Industrial Dust. Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava, 2019, 27, 49-56.	0.4	1
9	The Maximum Explosion Pressure of Lignite in Dependence on Particle Size. Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava, 2019, 27, 57-64.	0.4	1
10	Timing Parameters of Pyrotechnic Igniter Based on Magnesium Powder. Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava, 2019, 27, 97-103.	0.4	0
11	Design of Dust Dispersion System for Explosion Chamber KV-150 M2. European Journal of Engineering Research and Science, 2018, 3, 32-35.	0.3	0
12	Design of Dust Dispersion System for Explosion Chamber KV-150 M2. European Journal of Education and Pedagogy, 2018, 3, 32-35.	0.2	0
13	Determination of the Rate of Ignition of Nitrocellulose by Resistance Wire for the Igniter of KV 150 M2. Central European Journal of Energetic Materials, 2017, 14, 461-468.	0.5	4
14	Determination Of The Maximum Explosion Pressure And The Maximum Rate Of Pressure Rise During Explosion Of Wood Dust Clouds. Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava, 2015, 23, 49-56.	0.4	2
15	Preliminary Study of Ozone Utilization in Elimination of Bacterial Contamination in Metalworking Fluids. Key Engineering Materials, 2013, 581, 143-147.	0.4	1
16	Determination of Inductive Ignition Period and Activation Energy of Food Dust. Advanced Materials Research, 2013, 750-752, 1860-1863.	0.3	1
17	Potential Utilization of OECD 302 B Test in Biodegradability Assessment of Metalworking Fluids. Advanced Materials Research, 2013, 726-731, 2256-2259.	0.3	0
18	Determination of Parameters of Leakage of Propane from the Tank. Advanced Materials Research, 2013, 785-786, 1413-1417.	0.3	0

#	ARTICLE	IF	CITATIONS
19	The Effect of External Conditions on Ignition Temperature of Thermoplastic Polyurethane Elastomers. Advanced Materials Research, 2013, 838-841, 14-17.	0.3	1
20	Determination of Ignition Temperature of Organic Dust Layers. Advanced Materials Research, 2013, 690-693, 1469-1472.	0.3	5
21	Advanced Alert and Warning Systems. Advanced Materials Research, 2012, 594-597, 2232-2236.	0.3	1
22	Assessment of Functionality of Aged Cables at Loading by Heat Flux. Advanced Materials Research, 0, 652-654, 508-511.	0.3	2
23	Study of Effect of Flame Retardants on Initiation Process of Lignocellulose Materials at Heat Flux Acting. Applied Mechanics and Materials, 0, 291-294, 744-747.	0.2	0
24	Study of Polymeric Materials Burning. Applied Mechanics and Materials, 0, 295-298, 471-474.	0.2	1
25	Study of Thermal Degradation of Polymers. Advanced Materials Research, 0, 652-654, 1664-1667.	0.3	1
26	Activation Energy of Pure and Impregnated Lignocellulosic Materials Obtained by Isothermal Method. Advanced Materials Research, 0, 690-693, 1179-1183.	0.3	2
27	Efficiency Rating of Vision in Terms of Prevention of Road Accidents at Work. Advanced Materials Research, 0, 734-737, 1613-1616.	0.3	1
28	Preliminary Study of Utilizing Ozone in Treatment of Operationally Exhausted Metalworking Fluids. Advanced Materials Research, 0, 690-693, 1117-1121.	0.3	2
29	Study of Thermal Stability of Magnesium Alloys. Advanced Materials Research, 0, 690-693, 74-77.	0.3	0
30	Assessment of Wood Materials Modified by Flame Retardants at Loading by Heat Flux. Advanced Materials Research, 0, 1001, 272-275.	0.3	2
31	Effect of Ozone Application to Microbial Contaminated Samples of In-Use Metalworking Fluids. Advanced Materials Research, 0, 884-885, 277-282.	0.3	1
32	Analysis of Human Factors Applied to Work Activities of a Welder in a Small Plant Oriented to Manufacture of Weldments from Recycled Materials. Advanced Materials Research, 0, 1001, 395-400.	0.3	0
33	Development of the Hexagonal Structure in the Processes of Improving Vibration Insulating Properties of Products. Applied Mechanics and Materials, 0, 525, 536-540.	0.2	1
34	Study of Metalworking Fluids Biodegradability Potential Enhancement by the Prior Application of Ozone. Key Engineering Materials, 0, 737, 422-427.	0.4	0