

Katarzyna Majchrzycka

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

378
citations

933447

10
h-index

839539

18
g-index

50
all docs

50
docs citations

50
times ranked

446
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbiological and toxicological hazard assessment in a waste sorting plant and proper respiratory protection. <i>Journal of Environmental Management</i> , 2022, 303, 114257.	7.8	12
2	Viscoelastic Polyurethane Foams with Reduced Flammability and Cytotoxicity. <i>Materials</i> , 2022, 15, 151.	2.9	4
3	Baza wiedzy o Årodkach ochrony indywidualnej: struktura, weryfikacja i perspektywy rozwoju. <i>Occupational Safety & Science and Practice</i> , 2022, 609, 23-28.	0.0	0
4	Viscoelastic Polyurethane Foams for Use in Seals of Respiratory Protective Devices. <i>Materials</i> , 2021, 14, 1600.	2.9	10
5	Microbiological and Toxicological Hazards in Sewage Treatment Plant Bioaerosol and Dust. <i>Toxins</i> , 2021, 13, 691.	3.4	12
6	Multifunctional Polymer Composites Produced by Melt-Blown Technique to Use in Filtering Respiratory Protective Devices. <i>Materials</i> , 2020, 13, 712.	2.9	21
7	Assessment of Microbiological Indoor Air Quality in Cattle Breeding Farms. <i>Aerosol and Air Quality Research</i> , 2020, 20, 1353-1373.	2.1	9
8	Assessment of Protective Properties of Helmets and Eye Protectors. , 2020, , 99-130.		0
9	Ways to Improve the Safety of Filtering Respiratory Protective Devices Against Bioaerosols. , 2020, , 107-152.		0
10	Principles of Biosafety in the Working Environment. , 2020, , 59-78.		0
11	Evaluation of Functional Insoles for Protective Footwear Under Simulated Use Conditions. <i>Autex Research Journal</i> , 2020, .	1.1	0
12	Survival of Microorganisms on Filtering Respiratory Protective Devices Used at Agricultural Facilities. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2819.	2.6	2
13	Application of Biocides and Super-Absorbing Polymers to Enhance the Efficiency of Filtering Materials. <i>Molecules</i> , 2019, 24, 3339.	3.8	5
14	Survival of Microorganisms on Nonwovens Used for the Construction of Filtering Facepiece Respirators. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1154.	2.6	13
15	Evaluation of the Mechanical Parameters of Ultrasonically Welded Textile Composite Structures for Protective Footwear. <i>Fibres and Textiles in Eastern Europe</i> , 2019, 27, 99-105.	0.5	2
16	Microbial Growth on Dust-Loaded Filtering Materials Used for the Protection of Respiratory Tract as a Factor Affecting Filtration Efficiency. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1902.	2.6	11
17	Dust at Various Workplaces” Microbiological and Toxicological Threats. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 877.	2.6	18
18	The impact of dust in filter materials of respiratory protective devices on the microorganisms viability. <i>International Journal of Industrial Ergonomics</i> , 2017, 58, 109-116.	2.6	10

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19	Influence of Low-Temperature Plasma Treatment on The Liquid Filtration Efficiency of Melt-Blown PP Nonwovens in The Conditions of Simulated Use of Respiratory Protective Equipment. <i>Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa</i> , 2017, 38, 195-207.	0.7	9
20	Towards a conceptual framework of OSH risk management in smart working environments based on smart PPE, ambient intelligence and the Internet of Things technologies. <i>International Journal of Occupational Safety and Ergonomics</i> , 2017, 23, 1-20.	1.9	89
21	Time-Dependent Antimicrobial Activity of Filtering Nonwovens with Gemini Surfactant-Based Biocides. <i>Molecules</i> , 2017, 22, 1620.	3.8	15
22	Microbiological Contamination at Workplaces in a Combined Heat and Power (CHP) Station Processing Plant Biomass. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 99.	2.6	12
23	Wykorzystanie polimerów w superabsorbencyjnych w materiałach higienicznych. <i>Przemysł Chemiczny</i> , 2017, 1, 122-125.	0.0	2
24	Efficiency study of bioactive porous structures with time-dependent activity in filtering melt-blown nonwovens. Badanie skuteczności porowatych struktur biobioaktywnych z funkcją... czasowej aktywacji we włókninach filtracyjnych melt-blown. <i>Przemysł Chemiczny</i> , 2017, 1, 64-68.	0.0	1
25	Effect of Temperature, Simulated Breathing and Storage Conditions on the Filtration Efficiency of Biodegradable Bioactive Filters. <i>Fibres and Textiles in Eastern Europe</i> , 2017, 25, 89-94.	0.5	1
26	Evaluation of the Survivability of Microorganisms Deposited on Filtering Respiratory Protective Devices under Varying Conditions of Humidity. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 98.	2.6	35
27	Modelling the Viability of Microorganisms of Poly(lactic Acid) Melt-Blown Nonwoven Fabrics for the Use of Respiratory Protection. <i>Fibres and Textiles in Eastern Europe</i> , 2015, 23, 107-113.	0.5	5
28	Nanofillers-containing polymer composite filters. Filtracyjne kompozyty polimerowe z dodatkiem nanonapełniaczy. <i>Przemysł Chemiczny</i> , 2015, 1, 85-89.	0.0	0
29	Efficiency of Filtering Materials Used in Respiratory Protective Devices Against Nanoparticles. <i>International Journal of Occupational Safety and Ergonomics</i> , 2013, 19, 285-295.	1.9	7
30	Ergonomics Assessment of Composite Ballistic Inserts for Bullet- and Fragment-Proof Vests. <i>International Journal of Occupational Safety and Ergonomics</i> , 2013, 19, 387-396.	1.9	9
31	Penetration of different nanoparticles through melt-blown filter media used for respiratory protective devices. <i>Textile Research Journal</i> , 2012, 82, 1906-1919.	2.2	6
32	New Filtering Antimicrobial Nonwovens With Various Carriers for Biocides as Respiratory Protective Materials Against Bioaerosol. <i>International Journal of Occupational Safety and Ergonomics</i> , 2012, 18, 375-385.	1.9	16
33	Aspects of Tests and Assessment of Filtering Materials Used for Respiratory Protection Against Bioaerosols. Part I: Type of Active Substance, Contact Time, Microorganism Species. <i>International Journal of Occupational Safety and Ergonomics</i> , 2010, 16, 263-273.	1.9	10
34	Aspects of Tests and Assessment of Filtering Materials Used for Respiratory Protection Against Bioaerosols. Part II: Sweat in the Environment, Microorganisms in the Form of a Bioaerosol. <i>International Journal of Occupational Safety and Ergonomics</i> , 2010, 16, 275-280.	1.9	11
35	New bioactive polymer filtering material composed of nonwoven polypropylene containing alkylammonium microbiocides on a perlite carrier. <i>Polimery</i> , 2010, 55, 568-574.	0.7	10
36	A Study of the Nonsteady-State Filtration Process in a Fibrous Material in Conditions of Real Dust Loading. <i>International Journal of Occupational Safety and Ergonomics</i> , 2000, 6, 45-58.	1.9	2

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37	Clogging of Filtering Material Systems Used for Disposable Respirators. International Journal of Occupational Safety and Ergonomics, 1997, 3, 191-202.	1.9	3
38	A Contribution to the Study of the Antidust Respiratorsâ€™™ Real Performance. International Journal of Occupational Safety and Ergonomics, 1996, 2, 164-170.	1.9	0